

Put to P. auction - 3/24/75

FILE NOTATIONS

Entered in MID File
Location Map Pinned
Card Indexed
.....

Checked by Chief
Approval Letter
Disapproval Letter

PWB
9-5-74

COMPLETION DATA:

Date Well Completed 3/24/75
W. NW. TA.
N. OS. PA.

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Miller's Log
Electric Logs (No.)
..... I. Dual I Lat. GR-N. Micro.
HC Sonic GR. Lat. MI-L. Sonic.
CBLog. CCLog. Others.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

Patented

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☒Gas
Well ☐

Other

Single
Zone ☒Multiple
Zone ☐

7. Unit Agreement Name

8. Farm or Lease Name

Brotherson

9. Well No.

1-26B4

10. Field and Pool, or Wildcat

Altamont11. Sec., T., R., M., or Blk.
and Survey or Area**NW/4 NE/4 Section 26-****T2S-R4W**

12. County or Parrish 13. State

Duchesne**Utah**

14. Distance in miles and direction from nearest town or post office*

5-1/2 miles South of Altamont15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)**1272' South of nearest**

16. No. of acres in lease

129017. No. of acres assigned
to this well**640**18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.**5350' from nearest**

19. Proposed depth

12,600

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

22. Approx. date work will start*

6298 GL (ungraded)**11/1/74**

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	68#	300'±	To surface (450 sx)
12-1/4"	9-5/8"	40#	5,500'±	400 sx
8-3/4"	7"	26#	10,500'±	400 sx
6-1/8"	5" liner	18#	12,600'±	200 sx

Attached are Survey Plat and Summary of Mud System Monitoring Equipment, BOP
Equipment and Drilling Fluids

2 cc: USGS - Salt Lake City, w/attachments (for information)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

*T.S. Mize*Title **Division Operations Engineer**Date **8/29/74**

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

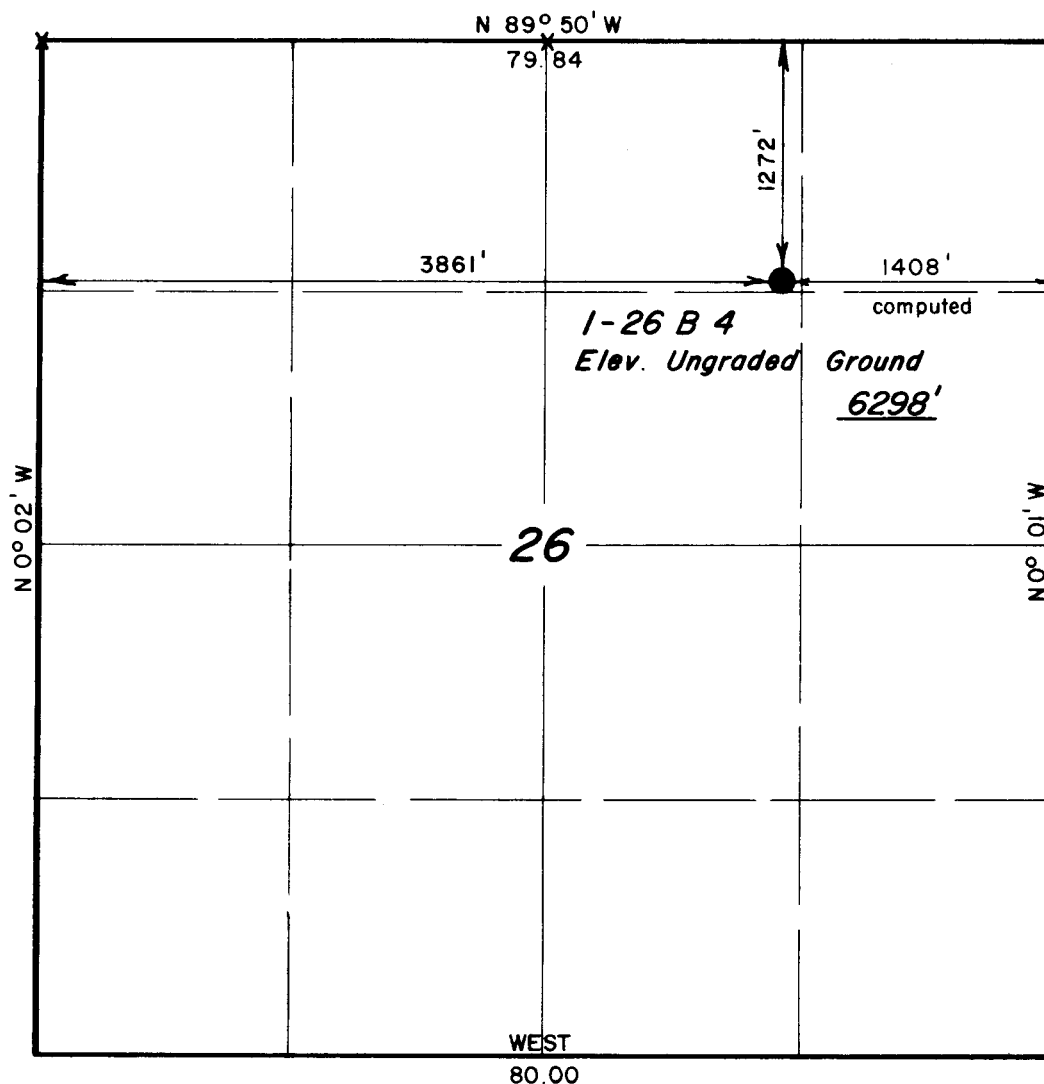
Conditions of approval, if any:

T2S, R4W, U.S.B.&M.

PROJECT

SHELL OIL COMPANY

Well location, located as shown
in the NW 1/4 NE 1/4 Section 26,
T2S, R4W, U.S.B. & M. Duchesne
County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Not done yet at all

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING
 P O. BOX Q ~ 110 EAST ~ FIRST SOUTH
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE AUG. 9, 1974
PARTY M.S. RR.	REFERENCES GLO PLAT
WEATHER HOT	FILE SHELL OIL CO.

BROTHERSON 1-26B4
Parker #117

MUD SYSTEM MONITORING EQUIPMENT

Equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing intermediate string or upon reaching a depth at which abnormal pressures could occur.

BOP EQUIPMENT

300' - 7,000' -- 3000 psi Hydril GH
7,000' - TD -- 3-ram type BOP's and 1 bag type
5000 psi working pressure

Tested when installed. Operative every trip and tested to 5000 psi every 14 days. All information recorded on Tour Sheets and daily drilling report.

MUD

Surface - 9500' -- Clear water
Circulate reserve pit
Flocculate as necessary
9500' - TD -- Weighted gel chemical

September 4, 1974

Shell Oil Company
1700 Broadway
Denver, Colorado

Re: Well No. Brotherson #1-2684
Sec. 26, T. 2 S, R. 4 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-3/139-4.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Due to the increase in Utah's drilling activity, and thus well inspections, it would be greatly appreciated if your office would advise this Division as to your drilling contractor, rig number, and toolpusher upon spudding-in.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be appreciated.

The API number assigned to this well is 43-013-30336.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGIT
DIRECTOR

STATE OF UTAH

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. Patented	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Shell Oil Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202				8. FARM OR LEASE NAME Brotherson	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1272' FNL & 1408' FEL Section 26 At top prod. interval reported below At total depth				9. WELL NO. 1-26B4	
14. PERMIT NO. 43-013-30336 DATE ISSUED 9/5/74				10. FIELD AND POOL, OR WILDCAT Altamont	
15. DATE SPUDDED 10/29/74 16. DATE T.D. REACHED 12/23/74 17. DATE COMPL. (Ready to prod.) 3/24/75				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/4 NE/4 Section 26-T2S-R4W	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6327' KB				12. COUNTY OR PARISH Duchesne 13. STATE Utah	
20. TOTAL DEPTH, MD & TVD 12,606 21. PLUG, BACK T.D., MD & TVD 12,475 22. IF MULTIPLE COMPL., HOW MANY* -				19. ELEV. CASINGHEAD -	
23. INTERVALS DRILLED BY 0-TD				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10,552-12,469	
25. WAS DIRECTIONAL SURVEY MADE -				26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/SP, CNL/FDC, BHCS-GR w/Cal	
27. WAS WELL CORDED -					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
*					
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
*					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
*					
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
*			DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED		
33.* PRODUCTION					
DATE FIRST PRODUCTION 3/24/75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 4/1/75	HOURS TESTED 24	CHOKE SIZE 30-40/64"	PROD'N. FOR TEST PERIOD 82	OIL—BBL. 86	GAS—OIL RATIO 1049
FLOW. TUBING PRESS. 50	CASING PRESSURE -	CALCULATED 24-HOUR RATE -	OIL—BBL. -	GAS—MCF. -	WATER—BBL. -
					OIL GRAVITY-API (CORR.) 41.1°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					TEST WITNESSED BY
35. LIST OF ATTACHMENTS Well History and Csg & Cmt'g Details					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED J. W. Lynum		TITLE Div. Opers. Engr.		DATE 10/8/75	

*See Attachments

*(See Instructions and Spaces for Additional Data on Reverse Side)

cc: U. S. Geological Survey

CASING AND CEMENTING

Field Altamont Well Brotherson 1-26B4
Job: 5 " O.D. Casing/Liner. Ran to 12,604 feet (KB) on 12/25, 1974

Jts.	Wt	Grade	Thread	New	Feet	From	To
						KB	CHF
						CHF	
					8.40	10,210.34	10,218.74
54	18#	N-80	SFJ-P		2256.34	10,218.74	12,475.13
					1.71	12,475.13	12,476.84
3	18#	N-80	SFJ-P		124.88	12,476.84	12,601.72
					2.28	12,601.72	12,604.00

Casing Hardware:

Float shoe and collar type Howco Diff Fill
Centralizer type and product number Weatherford CT & Hyphen
Centralizers installed on the following joints Shoe jt & every 3rd jt
Other equipment (liner hanger, ~~2x collarless~~) Burns Plain Liner Hanger

Cement Volume:

Caliper type CNL/FDC Caliper volume 232 ft³ + excess over caliper
58 ft³ + float collar to shoe volume 11.90 ft³ + liner lap 15.70 ft³
+ cement above liner 43 ft³ = 360 ft³ (Total Volume).

Cement:

Preflush--Water 5 bbls, other _____ Volume _____ bbls
First stage, type and additives Class "G" + 1% D-31 + .25% R-5
Weight 15.0 lbs/gal, yield 1.33 ft³/sk, volume 270 sx. Pumpability 4 hours at 245 °F.
Second stage, type and additives _____
Weight _____ lbs/gal, yield _____ ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
Displacement rate 3.5 B/M
Percent returns during job 90%
Bumped plug at 9 12/25 AM/PM with 2000 psi. Bled back 3/4 bbls. Hung esp
with _____ lbs on slips.

Remarks:

Drilling Foreman D. J. Criggs
Date 12/25/74

CASING AND CEMENTING

Field Altamont Well Brotherson 1-26B4
Job: 9-5/8 " O.D. Casing/~~XXXX~~ Ran to 5123 feet (KB) on 11/13, 1974

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					28.00	KB	CHF 28.00
2	40#	K-55	ST&C	X	93.05	CHF	88.78
122	36#	K-55	LT&C	X	5048.26	88.78	5123.00

Casing Hardware:

Float shoe and collar type Davis Guide Shoe (Type 600), Howco Self Fill Collar
Centralizer type and product number Three Weatherford
Centralizers installed on the following joints 124, 121, 118
Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type Caliper volume ft³ + excess over caliper
ft³ + float collar to shoe volume ft³ + liner lap ft³
+ cement above liner ft³ = ft³ (Total Volume).

Cement:

Preflush—Water bbls, other Volume bbls
First stage, type and additives 213 sx BJ Lite Weight lbs/gal, yield
ft³/sk, volume sx. Pumpability hours at °F.
Second stage, type and additives 220 sx Class "G" Weight lbs/gal, yield
ft³/sk, volume sx. Pumpability hours at °F. Total slurry both stages: 160 bbls.

Cementing Procedure:

Rotate/reciprocate
Displacement rate
Percent returns during job
Bumped plug at AM/PM with psi. Bled back bbls. Hung csg
with lbs on slips.

Remarks:

Perforated csg w/4-way sqz gun at 5042 (four 1/2" holes). Sqzd 100 sx Neat cmt through perforations. Perforated csg w/4-way sqz gun at 4783 and circ csg. Cmt'd csg (see above) for volumes. CIP at 10:55 PM, 11/14/74. WOC 24 hrs. DO and ran CBL. Cmt top at 4344 w/80% bond from 4344-4810, free pipe from 4810-4940, 60% bond from 4940-5110 and 20% bond from 5110-5123.

Drilling Foreman R. L. Payne
Date 11/17/74

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Brotherson 1-26B4

Operator Shell Oil Company

Address 1700 Broadway, Denver, Colorado 80202

Contractor Parker Drilling Company

Address 518 National Bank of Tulsa, Tulsa, Oklahoma 74103

Location NW 1/4, NE 1/4, Sec. 26; T. 2 N; R. 4 W Duchesne County

Water Sands:

<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
From- To-	Flow Rate or Head -	Fresh or Salty -

1. No water zones tested or evaluated.
2. _____
3. _____
4. _____
5. _____

(Continue on Reverse Side if Necessary)

Formation Tops:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

Shell-Brotherson 1-26B4
(D)
12,606' Wasatch Test
KB 6327', GL 6298'
5" liner @ 12,604'

TD 12,606. PB 12,475. Flowing. On 24-hr test, flwd 37
BO, 52 BW, 356 MCF gas through 26-30/64" chk w/50 psi FTP.

MAR 25 1975

Shell-Brotherson 1-26B4
(D)
12,606' Wasatch Test
KB 6327', GL 6298'
5" liner @ 12,604'

TD 12,606. PB 12,475. Flowing. On 24-hr test, flwd 77 BO,
48 BW, 80 MCF gas through 26-40/64" chk w/0 psi FTP.

MAR 26 1975

Shell-Brotherson 1-26B4
(D)
12,606' Wasatch Test
KB 6327', GL 6298'
5" liner @ 12,604'

TD 12,606. PB 12,475. Flowing. On 24-hr test, flwd 0 BO,
7 BW, 45 MCF gas through 30-40/64" chk w/0 psi FTP.

MAR 27 1975

Shell-Brotherson 1-26B4
(D)
12,606' Wasatch Test
KB 6327', GL 6298'
5" liner @ 12,604'

TD 12,606. PB 12,475. SI.

MAR 31 1975

2/28-31/75

Shell-Brotherson 1-26B4
(D)
12,606' Wasatch Test
KB 6237', GL 6298'
5" liner @ 12,604'

TD 12,606. PB 12,475. Flowing. On 24-hr test, flwd
82 BO, 6 BW, 86 MCF gas through 30-40/64" chk w/50 psi FTP.

APR 01 1975

Shell-Brotherson 1-26B4
(D)
12,606' Wasatch Test
KB 6237', GL 6298'
5" liner @ 12,604'

TD 12,606. PB 12,475. Flowing. On 24-hr test, flwd 3 BO,
0 BW, 58 MCF gas through 30-40/64" chk w/150 psi FTP.

APR 02 1975

Shell-Brotherson 1-26B4
(D)
12,606' Wasatch Test
KB 6237', GL 6298'
5" liner @ 12,604'

TD 12,606. PB 12,475. SI.

APR 03 1975

Shell-Brotherson 1-26B4
(D)
12,606' Wasatch Test
KB 6237', GL 6298'
5" liner @ 12,604'

TD 12,606. PB 12,475. SI 24 hrs for BHP.

APR 04 1975

Shell-Brotherson 1-26B4 TD 12,606. PB 12,475. MOCR. Installed back press valve
(D) & removed BOP. Installed 10,000# X-mas tree & tested to
12,606' Wasatch Test 10,500#, held ok. Removed back press valve. RU Sun
KB 6327', GL 6298' Oilfield Service. Knocked out Model D plug on stinger.
5" liner @ 12,604' Chased to btm. Took 5000 psi on tbgs to knock out plug.

Shell-Brotherson 1-26B4 TD 12,606. PB 12,475. Prep to CO mud. On 3/18 fin'd
(D) moving out rig. SITP 4500 psi. Opened well to pit. Bled
12,606' Wasatch Test off immediately. Left open for 1 hr. Would not flow.
KB 6327', GL 6298'
5" liner @ 12,604'

Shell-Brotherson 1-26B4 TD 12,606. PB 12,475. Prep to AT. RU 1" coil tbgs unit &
(D) ran to PBTD @ 12,457' tbgs measurement while circ hot prod
12,606' Wasatch Test wtr containing G10. Circ'd 100 bbls while on btm, returns
KB 6327', GL 6298' were clean. Sptd 1450 gals 15% HCl acid. Pulled up to
5" liner @ 12,604' pkr @ 10,200. Circ'd out of hole. Returns were slightly
oil & gas cut.

Shell-Brotherson 1-26B4 TD 12,606. PB 12,475. Prep to run GR log. SITP 2500 psi.
(D) RU BJ. AT gross perfs 10,552-12,469 w/88,754 gals (2042
12,606' Wasatch Test bbls) 15% HCl containing 3 gals G10, 3 gals C15, 3 gals
KB 6327', GL 6298' J22, 80# OS-160 Wide Range Unibeads, 80# OS-160 Button
5" liner @ 12,604' Unibeads & 1-1/2" 20-40 mesh RA sd/1000 gals. Flushed
w/4200 gals fresh wtr containing 165# NaCl & 3 gals G10 per
1000 gals. Trtd as follows: Pmp'd 6 bbls acid & dropped
1 7/8" RCN ball sealer, spec grav 1.4. Then pmp'd 6 bbls
acid & repeated drop'g 1 ball & pmp'g 6 bbls acid 133 times
for a total of 809 bbls acid & 134 balls. Had to shut
down for leak. Then pmp'd 3.5 bbls acid & dropped 1 ball
334 times for a total of 1,171 bbls acid & 334 balls. Then
dropped 1 7/8" RCN ball sealer & pmp'd 1 bbl acid 50 times
for a total of 50 bbls acid & 50 ball sealers. Flushed
w/100 BW. ISIP 5600 psi, 5 mins 5400, 10 mins 5300, 15
mins 5200. Max trtg press 8000 psi, min 5600, avg 7200.
Max rate 10 B/M, min 5.5, avg 8.9.

Shell-Brotherson 1-26B4 TD 12,606. PB 12,475. Flowing. SITP 3600 psi. RU Dresser
(D) to run RA log. Could not get through tree, plugged w/Unibeads.
12,606' Wasatch Test Opened well on 1" chk. Flwd for 1 hr. Rec'd approx 8 BW,
KB 6327', GL 6298' 5 BO, 120 psi FTP. SI well. Ran GR log from 12,459 (WB
5" liner @ 12,604' PBTD) to 10,350. Log indicated little if any deposition of
RA sd in the 88 perfs below 11,829. Could not log btm 7
perfs to fillup. Opened well to battery. Flwd 120 BO, 79
BW, 302 MCF gas in 11-1/2 hrs on 26/64" chk w/500 psi FTP.
Last 6 hrs prod 80 BO, 23 BW, 148 MCF gas on a 26/64" chk
w/500 psi FTP. In 24 hrs 3/22 flwd 288 BO, 38 BW, 579 MCF
gas on 26/64" chk w/100 psi FTP.

3/22-24/75

MR 24

11,330, 11,323, 11,322, 11,320, 11,219, 11,318, 11,313,
 11,312, 11,309, 11,308, 11,297, 11,296, 11,292, 11,291,
 11,283, 11,282, 11,278, 11,277, 11,276, 11,268, 11,267,
 11,265, 11,264, 11,263, 11,221, 11,220, 11,219, 11,218,
 11,206, 11,203, 11,202, 11,199, 11,198, 11,197, 11,196,
 11,195, 11,194, 11,186, 11,185, 11,183, 11,182, 11,164,
 11,163, 11,148, 11,121, 11,120, 11,119, 11,113, 11,112,
 11,109, 11,108, 11,107, 11,106, 11,097, 11,096, 11,095,
 11,092, 11,088, 11,087, 11,086, 11,083, 11,082, 11,076,
 11,075, 11,068, 11,067, 11,066, 11,058, 11,057, 11,056,
 11,049, 11,048, 11,047, 11,046, 11,045, 11,044, 10,985,
 10,984, 10,983, 10,966, 10,955, 10,954, 10,953, 10,952,
 10,939, 10,938, 10,937, 10,907, 10,906, 10,858, 10,857,
 10,821, 10,820, 10,819, 10,806, 10,805, 10,790, 10,789,
 10,788, 10,768, 10,767, 10,766, 10,765, 10,764, 10,763,
 10,762, 10,761, 10,756, 10,755, 10,754, 10,753, 10,747,
 10,746, 10,745, 10,719, 10,718, 10,712, 10,711, 10,710,
 10,706, 10,705, 10,704, 10,703, 10,695, 10,694, 10,688,
 10,687, 10,686, 10,671, 10,670, 10,626, 10,625, 10,618,
 10,617, 10,616, 10,615, 10,614, 10,613, 10,609, 10,608,
 10,560, 10,559, 10,554, 10,553, 10,552. Total of 332
 holes.

Shell-Brotherson 1-26B4
 (D) Western
 12,606' Wasatch Test
 KB 6327', GL 6298'
 5" liner @ 12,604'

TD 12,606. PB 12,475. Installing X-mas tree. Installed
 back press valve. Removed BOP. Installed 10" 5000# x 6"
 5000# tbg spool. Installed BOP. Removed back press valve.
 Test BOP to 5000#, ok. Started run'g prod equip. Fin'd
 run'g prod equip as follows: All tbg & subs, 2-7/8 N80,
 all mandrils Camco KBMG w/Type E dummy w/Bkr II latches.
 Bkr Model C extendable plug holder w/Model B push out plug
 in place tested to 7500# in both directions. Tail @ 10,233,
 33' 2-7/8" 10 rd non-upset perf'd prod tool, Bkr anchor
 seal assembly w/2 seal units, Bkr EL on/off connector
 w/Otis 2.313" seal bore w/2.255 no go. Top @ 10,194, 4'
 sub w/7" centralizer, 3 jts tbg, 1 mandril top @ 10,091,
 12 jts tbg 1 mandril top @ 9710, 23 jts tbg 1 mandril top
 @ 8986, 25 jts tbg 1 mandril top @ 8200, 38 jts tbg 1
 mandril top @ 7009, 55 jts tbg 1 mandril top @ 5287, 77 jts
 tbg 1 mandril top @ 2880, 91 jts tbg, 2', 6' & 10' subs,
 1 jt tbg. Spaced out tbg, unlatched from on/off connector.
 Circ out mud w/prod wtr until returns clean. Spt fresh
 trtd wtr in csg & prod wtr in tbg. Landed tbg w/3000#
 set down wt. Press'd tbg to 7500 for one hr w/loss @ 75
 psi. Pmp'd diesel in 7" annulus & 9-5/8" annulus. Press
 annulus to 4500 psi, held ok.

WAR 17

Shell-Brotherson 1-26B4
(D) Western
12,606' Wasatch Test
KB 6327', GL 6298'
5" liner @ 12,604'

TD 12,606. PB 12,475. Perf'g. Perf'd 12 hrs. SD to
reload guns.

MAR 13 1975

Shell-Brotherson 1-26B4
(D) Western
12,606' Wasatch Test
KB 6327', GL 6298'
5" liner @ 12,604'

TD 12,606. PB 12,475. Installing tbq spool. Set Bkr ret.
"D" pkr w/flapper @ 10,200. Perf'd from the btm up, one
hole at each of the following depths. Perf'd w/Dresser
Atlas 3-1/2" "Dikone" select fire csg carrier gun loaded
w/Dresser Atlas 3-1/8" "Jumbo Jet" 12 gram charges. (Depths
refer to CNL/FDC Log dated 12/26/75.) Press 0 on all runs.
Depths are as follows: 12,469, 12,468, 12,467, 12,464,
12,463, 12,457, 12,456, 12,401, 12,400, 12,378, 12,377,
12,376, 12,330, 12,329, 12,328, 12,298, 12,297, 12,296,
12,290, 12,289, 12,288, 12,273, 12,272, 12,240, 12,239,
12,232, 12,231, 12,230, 12,187, 12,186, 12,185, 12,168,
12,167, 12,166, 12,165, 12,162, 12,161, 12,136, 12,135,
12,121, 12,120, 12,119, 12,110, 12,109, 12,108, 12,107,
12,095, 12,094, 12,093, 12,084, 12,083, 12,071, 12,070,
12,059, 12,058, 12,054, 12,053, 11,986, 11,985, 11,984,
11,983, 11,982, 11,973, 11,972, 11,968, 11,967, 11,964,
11,963, 11,962, 11,945, 11,944, 11,940, 11,939, 11,926,
11,935, 11,927, 11,926, 11,916, 11,915, 11,912, 11,911,
11,898, 11,897, 11,896, 11,863, 11,862, 11,861, 11,860,
11,829, 11,828, 11,827, 11,819, 11,818, 11,817, 11,816,
11,810, 11,809, 11,786, 11,785, 11,778, 11,777, 11,776,
11,753, 11,752, 11,751, 11,739, 11,738, 11,737, 11,720,
11,719, 11,708, 11,707, 11,702, 11,690, 11,689, 11,688,
11,672, 11,671, 11,670, 11,669, 11,668, 11,662, 11,661,
11,660, 11,659, 11,658, 11,642, 11,641, 11,640, 11,639,
11,638, 11,637, 11,636, 11,622, 11,621, 11,617, 11,603,
11,602, 11,601, 11,600, 11,581, 11,580, 11,574, 11,573,
11,546, 11,545, 11,544, 11,532, 11,531, 11,530, 11,517,
11,516, 11,511, 11,510, 11,509, 11,506, 11,505, 11,480,
11,479, 11,478, 11,459, 11,458, 11,442, 11,441, 11,421,
11,420, 11,419, 11,418, 11,417, 11,416, 11,415, 11,414,
11,413, 11,400, 11,399, 11,394, 11,393, 11,392, 11,357,
11,356, 11,351, 11,350, 11,346, 11,343, 11,342, 11,331,

CONTD

Shell-Brotherson 1-26B4 (D) 12,606' Wasatch Test KB 6327', GL 6298' 5" liner @ 12,604'	TD 12,606. PB 12,475 (FC). RDRT. Finished clog mud pits and nipping up Xmas tree. Released rig at 4 PM, 12/29/74. (Reports discontinued until further activity.) Mud: (.743) 14.3 x 46 x 4.0 DEC 30 1974
Shell-Brotherson 1-26B4 (D) Western 12,606' Wasatch Test KB 6327', GL 6298' 5" liner @ 12,604'	TD 12,606. PB 12,475. Installing BOP. (RFD 12/30/74) NI&RU Western Oilwell Service Rig #17. MAR - 5 1975
Shell-Brotherson 1-26B4 (D) Western 12,606' Wasatch Test KB 6327', GL 6298' 5" liner @ 12,604'	TD 12,606. PB 12,475. Testing csg. Installed BOP, tested to 5000 psi & held ok. Set 7" pkr @ 2600'. Tested csg to 4400 psi, held ok for 15 mins. Released pkr. MAR - 1 1975
Shell-Brotherson 1-26B4 (D) Western 12,606' Wasatch Test KB 6327', GL 6298' 5" liner @ 12,604'	TD 12,606. PB 12,475. POOH. Set pkr @ 5200'. Press test annulus to 3600 psi, held ok for 15 mins. Reset pkr @ 7600'. Press'd annulus to 2800 psi, held ok for 15 mins. Ran pkr & tbg to 10,221 & tagged liner top. Pulled out 1 std. Press test entire hole to 2000 psi, held ok for 15 mins. Displaced mud inside tbg w/58 EW. Set pkr @ 10,180'. Bled tbg to 0. Observed for 30 mins w/no indication of inflow. Released pkr & reversed wtr out of tbg. MAR - 7 1975
Shell-Brotherson 1-26B4 (D) Western 12,606' Wasatch Test KB 6327', GL 6298' 5" liner @ 12,604'	TD 12,606. PB 12,475. Prep to log. Pelled out of hole & ran 4-1/8" mill & 2372' tbg w/7" Bar csg scraper. CO liner top @ 10,205 & ran to FC @ 12,475. Rotated on FC for 15 mins. Press test hole w/15.9#/gal mud to 2000 psi for 15 mins, held ok. Circ'd & cond mud. Built mud wt from 13.9 to 14.3#/gal & viscosity from 49 to 60. SD for Sunday. MAR - 10 1975
Shell-Brotherson 1-26B4 (D) Western 12,606' Wasatch Test KB 6327', GL 6298' 5" liner @ 12,604'	TD 12,606. PB 12,475. Pmp'g. Circ & cond mud from 7 p.m. 3/9 to 7 a.m. 3/10. RU Dresser Atlas. Simultaneously ran CBL, VDL, PDC logs from 12,491 PBTB to 7475'. Indicated cmt top 7475. Log indicated excellent to good bonding from 12,483-10,620, good to fair 10,620-10,580, excellent to good 10,580 to liner top @ 10,210, good bonding in 7" from liner top to 9630, and fair to poor from 9630 to indicated top of cmt @ 7475'. MAR 11 1975
Shell-Brotherson 1-26B4 (D) Western 12,606' Wasatch Test KB 6327', GL 6298' 5" liner @ 12,604'	TD 12,606. PB 12,475. Perf'g. Perf'd 24 hrs w/csg gun. MAR 12 1975

Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	11,990/46/51/150. Drilling. Background gas: 28 units. Connection gas: 115 units. DEC 16 1974 Mud: (.743) 14.3 x 47 x 4.8 (8#/bbl LCM)
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	12,160/46/52/170. Drilling. Background gas: 30 units. Connection gas: 55 units. Formation gas: 100 units. Mud: (.743) 14.3 x 45 x 4.4 (7#/bbl LCM) DEC 16 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	12/21: 12,305/46/53/145. Drilling. Background gas: 30 units. Connection gas: 60-70 units. Mud: (.743) 14.3 x 45 x 4.2 (7#/bbl LCM) 12/22: 12,475/46/54/170. Drilling. Mud: (.743) 14.3 x 47 x 4.0 (9#/bbl LCM) 12/23: 12,600/46/55/125. Circ to log. Background gas: 25 units. Connection gas: 45 units. Downtime gas (pump repair): 110 units. Mud: (.743) 14.3 x 44 x 3.8 (10#/bbl LCM) DEC 23 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,606' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	12,606/46/56/0. Tripping in. Circ for logs 2 hrs. Made SLM out of hole making 6' correction: 12,600 = 12,606. RU Schl and ran temp survey from 12,620-10,413. Ran DIL, CNL-FDC and BHCS. DEC 24 1974 Mud: (.743) 14.3 x 44 x 3.8 (10#/bbl LCM)
Shell-Brotherson 1-26B4 (D) Parker #117 12,606' Wasatch Test KB 6327', GL 6298' 5" liner @ 12,604'	12/25: 12,606/46/57/0. Circ to cmt. Circ 2-1/2 hrs prior to running 57 jts 5" 18# N-80 ST&C liner w/float shoe at 12,604 and FC at 12,475. Burns plain liner hanger at 10,210. Mud: (.743) 14.3 x 46 x 4.0 (10#/bbl LCM) 12/26: 12,606/46/58/0. PB 12,475 (FC). Laying down DP. RU BJ and cmtd liner w/270 sx Class "G" w/1% D-31 and 0.25% R-5. Displaced at 3.5 B/M. Bumped plug w/2800 psi. Tripped in w/6-1/8" mill and WOC. CO to top of liner - Had 3' of soft cmt on top of liner. Tested to 2000 psi for 15 min, OK. Mud: (.743) 14.3 x 46 x 4.0 (10#/bbl LCM) DEC 26 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,606' Wasatch Test KB 6327', GL 6298' 5" liner @ 12,604'	12,606/46/59/0. Nippling down BOP. Laid down DP and kelly. Mud: (.743) 14.3 x 46 x 4.0 DEC 27 1974

Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	10,415/46/42/0. Drilling cmt at 10,338. Press tested BOPE OK. Ran in w/BHA tagging cmt at 10,297. Mud: (.598) 11.5 x 47 x 7.8 (8#/bbl LCM) DEC 10 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	10,505/46/43/90. Drilling. Drld cmt and tested csg to 3500 psi, OK. Finished drlg cmt and circ btms up. Jetted cellar and checked annulus press at 475 psi. Background gas: 15-20 units. Trip gas: 90 units. Connection gas: 130-140 units. Mud: (.608) 11.7 x 43 x 6.8 (7.4#/bbl LCM) DEC 11 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	10,735/46/44/230. Drilling. Background gas: 20 units. Connection gas: 135 units. 7" x 9-5/8" annulus press 250 psi. Mud: (.634) 12.2 x 44 x 7.6 DEC 11 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	10,925/46/45/190. Drilling. Background gas: 30 units. Connection gas: 155 units. Formation gas: 170 units. Mud: (.681) 13 x 44 x 8 (5#/bbl LCM) DEC 12 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	12/14: 11,100/46/46/175. Drilling. Background gas: 25 units. Connection gas: 115 units. Fm gas: 90 units. Mud: (.702) 13.5 x 44 x 5.2 (5#/bbl LCM) 12/15: 11,277/46/47/177. Drilling. Background gas: 35 units. Connection gas: 140 units. Fm gas: 50 units. Mud: (.733) 14.1 x 45 x 5.0 (5#/bbl LCM) 12/16: 11,440/46/48/163. Drilling. Background gas: 22 units. Connection gas: 165 units. Fm gas: 40 units. Mud: (.738) 14.2 x 47 x 5.4 (5#/bbl LCM) DEC 16 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	11,647/46/49/207. Drilling. Background gas: 32 units. Connection gas: 190 units. Fm gas: 50 units. Mud: (.728) 14.0+ x 47 x 5.2 DEC 17 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	11,840/46/50/193. Drilling. Background gas: 22 units. Connection gas: 90 units. Mud: (.733) 14.1 x 46 x 5.0 (5.4#/bbl LCM) DEC 18 1974

Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 9-5/8" csg @ 5123'	10,175/46/35/84. Tripping out for bit. Washed and reamed from 8800-10,091'. Lost 850 bbls mud past 24 hrs. Background gas: 20 units. Connection gas: 20 units. Trip gas: 160 units. Mud: (.509) 9.8 x 43 x 6.2 (14#/bbl LCM) DEC 3 - 1977
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 9-5/8" csg @ 5123'	10,193/46/36/18. Drilling. Tripped in opened to 5413. RU BJ and sqzd w/100 sx gel and 100 sx cmt mixed w/50 bbls diesel. Max sqz press 600 psi at 3 B/H rate. Holding press 200 psi. CIP at 11 AM, 12/3. RE BJ. WOC 11-1/2 hrs. Tripped in and drld cmt from 5328-5484 and washed to 5802. Circ out and finished in hole, breaking circ at 6800 and 8800. Background gas: 10 units. Trip gas: 500 units. Mud: (.520) 10.0 x 44 x 8.8 (11#/bbl LCM) DEC 4 - 1977
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 9-5/8" csg @ 5123'	10,405/46/37/212. Checking for flow - no pressure. Lost 25% returns while drlg, losing approx 900 bbls mud. Mud cutting from 10.5 ppg to 10.4+ ppg. SI well to check for flow - no CP or DP press. Circ out GCM through gas buster. Background gas: 15-50 units. Connection gas: 40-110 units. Mud: (.540) 10.4+ x 44 x 8.4 (11-12#/bbl LCM) DEC 5 - 1977
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 9-5/8" csg @ 5123'	10,415/46/38/10. Logging. Circ and cond mud 20 hrs. Spotted 250 bbls 12# mud on bottom. Running DIL/SP and CNL/FDC/GR/Cal. Mud: (.556) 10.7 x 46 x 7.5 (11-12#/bbl LCM) DEC 6 - 1977
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 7" csg @ 10,410'	12/7: 10,415/46/39/0. Laying down DC's. Ran DIL-SP, CNL/FDC-GR w/cal and BHCS-GR w/cal. Hole took 3-4 bbls mud/hr throughout logging and while laying down DP. Mud: (.556) 10.7 x 46 x 7.5 (11-12#/bbl LCM) 12/8: 10,415/46/40/0. Nippling up BOP. Ran 250 jts 26# LT&C 7" csg w/shoe at 10,410 and FC at 10,318. Cmtd w/ 136 sx BJ Lite containing 0.5% D-31. Tailed in w/180 sx Class "G" w/1% D-31 and 0.35% R-5. Total slurry vol 110 bbls. Displaced w/mud. Plug down at 11 PM, 12/7. No returns throughout. Kept back side filled w/10.7 ppg mud at rate of 4-5 B/H. WOC 6-1/2 hrs. Mud: (.556) 10.7 x 46 x 7.5 (11-12#/bbl LCM) 12/9: 10,415/46/41/0. Testing BOPE. WOC 3 hrs. Set slips and changed out spacer for AP spool. Nippled up BOPE and started testing. Had 50 psi on 7" x 9-5/8" annulus. Mud: (.556) 10.7 x 46 x 7.5 (11-12#/bbl LCM) DEC 9 - 1977

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 5123'

10,025/46/29/106. Drilling. Tripped in and sptd 80 bbl LCM pill w/10# fine and 10# med nut plug. Lost approx 200 bbls mud past 24 hrs. Background gas: 15 units. Connection gas: 40-110 units. Trip gas: 155 units. NOV 27 1974
Mud: (.494) 9.5 x 40 x 8.2 (11#/bbl LCM)

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 5123'

11/28: 10,091/46/30/66. Spotting LCM pill. Mixed and sptd on btm 50-bbl pill w/10# fine and 10# med hulls. Mixed and sptd on btm 80-bbl pill w/10# fine and 20# med hulls. Moved up hole every hour. Pulled to 6200' and sptd 80-bbl pill w/10# fine and 20# med hulls. Pulled to 5100' and let hole heal. Sptd 50-bbl pill w/10# fine and 20# med hulls at shoe. Went in hole to 6200' and sptd 80-bbl pill w/10# fine, 15# med and 15# coarse hulls. Lost 1550 bbls mud last 24 hrs. Background gas 15 units. Connection gas: 45-50 units.
Mud: (.504) 9.7 x 40 x 9.2 (20#/bbl LCM)

11/29: 10,091/46/31/0. Sptg LCM pill. Sptd 30-bbl pills w/10# fine, 15# med and 15# coarse hulls at 6200', 7000', 10,091', 10,091', 6200' and 5100'. Tripped for bit w/larger jets. Lost 2000 bbls mud last 24 hrs.
Mud: (.499) 9.6 x 43 x 8 (10#/bbl LCM)

11/30: 10,091/46/32/0. Circ and cond mud. Sptd two 200-bbl pills w/10# fine, 15# med and 15# coarse hulls at 5100' w/partial returns. Let pill heal - bit plugged. Unplugged bit and went in hole to 3000' and attempted to circ openended. Circ and cond mud w/no loss. Went in to 5400' and circ and cond mud w/no loss. Went in to 5900' and circ and cond mud losing 75% returns. Lost 700 bbls mud last 24 hrs.

Mud: (.499) 9.6 x 48 x 7.5 (12#/bbl LCM)

12/1: 10,091/46/33/0. WOC. Pulled out of hole and tripped in w/RTTS tool to 5063. Tested csg to 500 psi, OK. Laid down RTTS tool. Ran in hole openended to 5011'. BJ pmpd 10 bbls diesel ahead of 400 sx gel and cmt w/100 bbls diesel. Closed Hydril w/5 bbls diesel out of DP. Pmpd 95 sx cmt through DP and 48 bbls mud down annulus. Max sqz press 1750 psi, holding at 1700 psi. Bled press. CIP at 10 PM 11/30. Pulled out of hole. CO to 4400' w/drlg assembly while WOC.

Mud: (.499) 9.6 x 43 x 6.3 (4#/bbl LCM)

12/2: 10,091/46/34/0. Washing to btm. WOC 3 hrs. Tagged hd cmt at 5030. Drid cmt from 5030-5475. Lost 100 bbls mud at 5500'. Washed to 6030 and ran 15 stds in hole, circ and washing from 7440-8800. Lost 200 bbls mud last 24 hrs. Background gas: 15 units. Connection gas: 100 units.

Mud: (.504) 9.7 x 46 x 6.0 (11#/bbl LCM)

DEC 2 1974

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 5123'

11/16: 6010/46/18/0. Drlg cmt at 4980. WOC 17 hrs.
Tested BOPE and changed flowline. Tested csg to 1500
psi, OK. Drld ret at 4977 and cmt to 4980.
11/17: 6010/46/19/0. Picking up BHA. Finished drlg cmt.
Ran CBL w/results as follows: Cmt top at 4344, 80% bond
from 4344-4810, free pipe from 4810-4940, 68% bond from
4940-5110 and 20% bond from 5110-5123. Drld shoe and
washed 370' to btm.
11/17: 6360/46/20/350. Drilling. Tripped in, washed
100' to btm and resumed drlg.
Mud: Wt

NOV 19 1974

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 5123'

6850/46/21/490. Drilling.
Mud: Wtr

NOV 19 1974

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 5123'

7320/46/22/470. Drilling.
Mud: Wtr

NOV 20 1974

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 5123'

7723/46/23/403. Drilling. Dev: 2 deg at 7342.
Tripped for bit at 7342.
Mud: Wtr

NOV 21 1974

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 5123'

8251/46/24/528. Tripping for bit.
Mud: Wtr

NOV 22 1974

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 5123'

11/23: 8700/46/25/449. Drilling. Tripped in w/new
bit, washing and reaming 120' to btm.
11/24: 9255/46/26/555. Drilling.
11/25: 9766/46/27/511. Drilling. Mudded up at 9700'.
Mud: (.452) 8.7 x 38 x 9.4

NOV 23 1974

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 5123'

9919/46/28/153. Tripping in w/new bit. Lost complete
returns at 9919. Unable to spot pills due to partially
plugged jets. Unable to fill hole on outside. Pulled
to shoe and attempted to fill hole on outside and unplug
bit w/o success. Pulled out of hole and magnafluxed BHA,
finding no cracks. Background gas: 10 units.
Mud: (.494) 9.5 x 39 x 8.6 (4#/bbl LCM)

NOV 26 1974

Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 9-5/8" csg @ 6682'	4395/46/9/550. Drilling. Dev: 1-1/4 deg at 4180. Mud: Wtr	NOV 7 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 9-5/8" csg @ 6682'	4925/46/10/530. Drilling. Mud: Wtr	NOV 8 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 9-5/8" csg @ 6682'	11/9: 5290/46/11/365. Drilling. Dev: 1 deg at 5224. 11/10: 5800/46/12/510. Drilling. 11/11: 6010/46/13/210. Circ hole c/n. Circ prior to short tripping 10 stds. Tripped out to unplug collars. Tripped in, washing 400' to btm. Mud: Wtr	
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 13-3/8" csg @ 316'	6010/46/14/0. 9-5/8" csg stuck at 5114. Dev: 1-1/2 deg at 6010. Circ hole 7 hrs and pulled 10 stds. Ran back to btm, washing 90' to Ltm (bridge 90' off btm and then OH). Circ 2 hrs and tripped out. Ran 129 jts 9-5/8" csg, washing 4 jts in hole. Worked stuck csg at 5114 (5113.50'). Mud: Wtr	
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 13-3/8" csg @ 316'	6010/46/15/0. Nippling up BOP. Worked stuck csg 10 hrs. Ran freepoint - free at 4700' and partially free at 4740. Stuck from 4740 down. Mud: Wtr	NOV 13 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 9-5/8" csg @ 5123	6010/46/16/0. Running CR. Finished nippling up BOP. Tripped in to FC and circ out. RU Welex and set Hal EZ-SV BP at 5047 and perf'd csg at 5042 w/four 1/2" holes - had two misruns. RD Welex. Attempted to circ through perms. Pumped at rate of 5 B/M at 700 psi. Mud: Wtr Note: Complete casing details to be reported later.	NOV 14 1974
Shell-Brotherson 1-26B4 (D) Parker #117 12,600' Wasatch Test KB 6327', GL 6298' 9-5/8" csg @ 5123	6010/46/17/0. WOC. Set ret at 4977 and sqzd 100 sx Class "G" cmt through 4-way sqz at 5042 w/max press of 900 psi. Tripped out and perf'd 9-5/8" csg w/four 1/2" holes at 4783. Hole circ OK. Set ret at 4703 and cmt'd w/213 sx Lite. Tailed in w/220 sx Class "G". Slurry vol 160 bbls. Displaced w/wtr. CIP at 10:55 PM, 11/14. Addition to report dated 11/14: After working stuck csg at 5114, pulled and laid down 3 jts. Ran total of 126 jts 9-5/8" csg w/shoe at 5123 and FC at 5049.	NOV 15 1974

OIL WELL

SHELL OIL COMPANY

ALTAMONT

LEASE BROTHERTON

WELL NO. 1-26B4

DIVISION WESTERN

ELEV 6327 FE

COUNTY DUCHESNE

STATE UTAH

FROM: 10/30/74 - 9/4/75

UTAHALTAMONT

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'

"FR" 93/46/1/93. Drilling cmt.
Located 1272' FNL and 1408' FEL, NW/4 NE/4 Section 26-
T2S-R4W, Duchesne County, Utah.
Shell's Working Interest: 100%
This well is being drilled for routine development.
Spudded 17-1/2" hole at 10 AM, 10/29/74. Lost circ
outside cellar second time. Cut off cond and welded
on top plate. BJ cmtd cond and cellar. WOC 9-1/2 hrs.

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
13-3/8" csg @ 316'

317/46/2/224. Cutting off csg. Ran 8 jts 13-3/8" 68#
ST&C to 316' and cmtd w/438 sx Class "G" containing 3%
CaCl2. CIP at 1 AM, 10/31/74. Good returns. Cmt circ.
WOC 5 hrs.
Mud: Wtr

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
13-3/8" csg @ 316'

317/46/3/0. Picking up BHA. Welded on hd. Tested
csg and weld, OK. Nippled up BOP and tested csg to
1500 psi, held OK. Dev: 1/2 deg at 150 and 3/4 deg
at 300.

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 6682'

11/2: 1400/46/4/1083. Drilling. Tripped in w/BHA
and drld cmt 1-1/2 hrs. Dev: 3/4 deg at 812, 1 deg
at 1003 and 3/4 deg at 1391.

Mud: Wtr

11/3: 2475/46/5/1075. Drilling. Worked stuck DP at
1945 for 2-1/2 hrs.

Mud: Wtr

11/4: 3010/46/6/535. Tripping in w/new bit.

Mud: Wtr

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 6682'

3345/46/7/335. WO near bit stabilizer. Magnafluxed
collars finding two collars cracked and near bit galled.
(7" - 8th collar from top box cracked and 9" - 3rd collar
from bit pin cracked).

Mud: Wtr

Shell-Brotherson 1-26B4
(D) Parker #117
12,600' Wasatch Test
KB 6327', GL 6298'
9-5/8" csg @ 6682'

3845/46/8/500. Drilling. Tripped in w/BHA, washing
and reaming 90' to btm. Dev: 1 deg at 3373.

Mud: Wtr

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1272' FNL & 1408' FEL Section 26		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO.		9. WELL NO. 1-26B4
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6327 KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/4 NE/4 Section 26-T2S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attachment

August 11, 1976
Robert L. Smith

18. I hereby certify that the foregoing is true and correct

SIGNED

J. W. Linnell

TITLE Div. Ops. Engr.

DATE 8/5/76

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

cc: USGS w/attachment

PERF & ACID TREAT
SHELL OIL COMPANY

FROM: 6/21/76 - 8/2/76

		ALTAMONT
LEASE	BROTHERSON	WELL NO. 1-26B4
DIVISION	WESTERN	ELEV 6327 KB
COUNTY	DUCHESNE	STATE UTAH

UTAH

ALTAMONT

Shell-Brotherson 1-26B4
(Perf & AT)

"FR" TD 12,606. PB 12,460. AFE #419577 provides funds to perf & AT. 6/19 MI&RU Western #19. Pmp'd in lse wtr to kill well. Installed BPV & removed 5000# tree. Installed & tested BOP. Could not sting out of pkr. Pmp'd in 100 bbls hot lse wtr @ 2.5 B/M @ 3600 psi. Had 2500 psi after 30 mins. Worked tbg w/14 rds torque, but still couldn't sting out. Pmp'd in 40 bbls brine & SI overnight. Worked tbg & stung out of pkr. LD gas mandrel & seal assy. RIH w/ret'g tool to 10,200'. Stab into pkr & sheared & released pin, but still couldn't pull pkr loose. Stung out of pkr & reverse circ'd out gas. SI overnight. JUN 21 1976

Shell-Brotherson 1-26B4
(Perf & AT)

TD 12,606. PB 12,460. RIH on 2-7/8 tbg w/redressed ret'g tool & latched into pkr. Pulled up & tool indicated that shear inside pkr was released on initial run. Worked up & down w/tbg w/o any results. Released from pkr & POOH. SI overnight.

JUN 22 1976

Shell-Brotherson 1-26B4
(Perf & AT)

TD 12,606. PB 12,460. LD ret'g tool. RIH w/1 jt 2-7/8 EUE tbg, latch-in assy, jars & 6 4-3/4" DC's. Latched into pkr w/stinger thru pkr & jarred 15-20 mins pull'g up to 90,000; no movement. Unlatched from pkr w/btm of stinger located 1' into top of pkr. RIH w/string shot & collar locator on WL. Located 10' string shot thru pkr & shot. RD Dialog. Latched back into pkr & jarred 1-1/2 hrs w/o any movement of pkr. Unlatched from pkr & POOH.

JUN 23 1976

Shell-Brotherson 1-26B4
(Perf & AT)

TD 12,606. PB 12,460. LD jt of stinger & latch-in assy. PU 6-1/8 mill & jt WP; 5-1/2 donut was left in 10 x 10 AP spool. Removed BOP's & AP spool. Reinstalled & tested BOP's. Ran WP w/jars & 6 4-3/4" DC's on 2-7/8 tbg to 8000'. SI well overnight.

JUN 24 1976

Shell-Brotherson 1-26B4
(Perf & AT)

TD 12,606. PB 12,460. RIH w/mill & cut about 32" in 8 hrs. POOH to 8000' for new mill. SI overnight.

JUN 25 1976

Shell-Brotherson 1-26B4
(Perf & AT)

TD 12,606. PB 12,460. 6/25 POOH w/6-1/8 mill. Had 2' of top skirt of pkr inside of WP. RIH w/new mill & rotated 4 hrs. Cut about 4". Rotated on washers of packing element section. SI overnight. 6/26 Milled on pkr 3 hrs; pkr released & pushed down hole. Circ'd 1 hr. POOH. SI overnight.

JUN 28 1976

Shell-Brotherson 1-26B4
(Perf & AT)

TD 12,606. PB 12,460. RIH w/3-1/4 spear on jars, 6 4-3/4
DC's & 2-7/8 tbg. Found ret D pkr on liner top; rec'd all
of pkr that had not been milled up. SI overnight. JUN 29 1976

Shell-Brotherson 1-26B4
(Perf & AT)

JUN 30 1976

TD 12,606. PB 12,460. RIH w/tbg & 4-1/8 mill. Circ'd
hole & pmp'd an 8-bbl salt wtr pill down tbg to control
well. RIH to 11,000. RU power swivel & rotated pipe thru
liner top & BP & pkr settings; no obstruction. Set 5" BP @
10,840 & Bkr FA permanent pkr w/Model B pushout plug @
10,350.

Shell-Brotherson 1-26B4
(Perf & AT)

TD 12,606. PB 10,840. RIH w/2-7/8 tbg w/anchor tbg seat
nip on btm of tbg. Set +45 seat'g nip above seal assy.
Latched into pkr. Press tested tbg to 7500 psi; bled to
6800 psi in 1 hr. Bled press to 0. Tested csg to 3500
psi. After 1 hr, press 3500 psi. Unlatched from pkr &
inh'd tbg-csg annulus & left 40 bbls diesel in tbg.
Relatched into pkr @ 10,350 & SI well. Released rig #19
6/30/76. RU Sun & knocked Model B plug out of pkr &
chased to PB @ 10,840.

JUL 01 1976

Shell-Brotherson 1-26B4
(Perf & AT)

TD 12,606. PB 10,840. MI&RU OWP to perf 1 jet/ft with a
decentralized 2-1/8" bi-wire gun using 22 gm chrgs interval
10,820-10,522. All depths refer to Dresser-Atlas CBL dated
3/10/75. Run #1 - perf'd 10,820, 10,819, 10,815, 10,814,
10,813, 10,806, 10,805, 10,801, 10,800, 10,791, 10,790,
10,789. Start & end TP 500 psi. Run #2 - perf'd 10,785,
10,784, 10,783, 10,779, 10,778, 10,777, 10,776, 10,763,
10,762, 10,761, 10,760, 10,759, 10,758, 10,757. Start &
end TP 500 psi. Total of 26 holes. SD overnight.

JUL 02 1976

Shell-Brotherson 1-26B4
(Perf & AT)

TD 12,606. PB 10,840. (Corr to rept of 7/2/76: The press
before & after all runs was 800 psi.) Fin'd perf'g (press
before & after all runs was 1000 psi). Run #3 - perf'd
10,750, 10,749, 10,748, 10,741 & 10,740 (5 holes). Run #4 -
perf'd 10,723, 10,722, 10,714, 10,713, 10,712, 10,706,
10,705, 10,700, 10,698 & 10,697 (10 holes). Run #5 - perf'd
10,689, 10,688, 10,687, 10,682, 10,681, 10,673, 10,672,
10,665 & 10,664 (9 holes). Run #6 - perf'd 10,658, 10,657,
10,656, 10,655, 10,648, 10,647, 10,646, 10,645, 10,644,
10,641, 10,640, 10,636, 10,635, 10,631 & 10,629 (15 holes).
Run #7 - perf'd 10,621, 10,620, 10,619, 10,611, 10,610,
10,609, 10,608, 10,607, 10,603, 10,602, 10,601, 10,598,
10,597, 10,594 & 10,593 (15 holes). Run #8 - perf'd 10,590,
10,589, 10,573, 10,572, 10,571 & 10,570 (6 holes). Run #9 -
perf'd 10,555, 10,554, 10,553, 10,552, 10,550, 10,549,
10,548, 10,545, 10,543, 10,542, 10,541, 10,540, 10,536,
10,535, 10,529, 10,528, 10,526, 10,525, 10,524, 10,523 &
10,522 (22 holes). Perf'd total of 108 holes according to
prog. Ran temp log from 10,840-10,350. SD for night. RD&MO
OWP. 7/3 MI&RU BJ & pmp'd 30 bbls wt'd inh'd gelled 10%
HCl acid across perfs. Bullheaded 30 bbls acid & 39 BW &
allowed to soak for 1/2 hr. Pmp'd 8 BW & let soak 1/2 hr.
Repeated procedure 3 more times for total of 30 bbls acid
into formation in 2 hrs. All pmp'g done @ 1.5 B/M @ 3500
psi. RD&MO BJ. SI well.

JUL 06 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. Prep to acidize. JUL 07 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. No report. JUL 08 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. Prep to backflow. BJ AT 10,826-10,527 (108 perfs). Total load 1350#. Max TP 8000 psi. Did not ball out. ISIP 3200 psi, 5, 10 & 15 mins 3200. Max rate 12.5 B/M @ 8000#, min 8 @ 4100, avg 12.5 @ 6000. 2-hr SIP 3500#. Ran temp log from 10,781-10,250; indicated all perfs trt'd. Ran GR log over same interval; indicated all perfs took trtmt. Rig down. JUL 09 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. SI for BHPS. 20-hr SITP 2700#. Backflw'd well to pit; would not flw continuously. TP down to 200# after 60 bbls rec; rec'd 111 balls. Backed well down w/40 bbls diesel. JUL 12 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. SI for BHPS. JUL 13 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. 7/13 Pulled BHPS tools & turned over to prod. JUL 14 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. RU Nowasco 7/14 & ran CT to 13,750. Jetted well w/N2 until tbg dry. Rec'd mostly wtr w/sml amt of oil; blw'g sml amt of mist. POOH & RD Nowasco. Left well open to battery. JUL 15 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. Flowing. On 24-hr test, flwd 3 BO, 7 BW, 59 MCF gas thru 20/64" chk w/100 psi FTP. JUL 16 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
7/17:	24	0	45	19	20/64"	50
7/18:	24	0	0	12	20/64"	0
7/19:	24	0	0	6	20/64"	0

JUL 19 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. SI. JUL 20 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. SI. JUL 21 1976

Shell-Brotherson 1-26B4 (Perf & AT) TD 12,606. PB 10,840. SI. JUL 22 1976

Shell-Brotherson 1-26B4 TD 12,606. PB 10,840. SI. JUL 28 1976
(Perf & AT)

Shell-Brotherson 1-26B4 TD 12,606. PB 10,840. SI. JUL 28 1976

Shell-Brotherson 1-26B4 TD 12,606. PB 10,840. On 24 hr test well flwd
(Perf & AT) 0 BO, 36 BW, 10 MCF Gas w/50 press. JUL 28 1976

Shell-Brotherson 1-26B4 TD 12,606. PB 10,840. On 24 hr test well flwd
(Perf & AT) 5 BO, 9 BW, 17 MCF Gas w/50 press. JUL 28 1976

Shell-Brotherson 1-26B4 TD 12,606. PB 10,840. On 24 hr test well flwd
(Perf & AT) 24 BO, 0 BW, 21 MCF Gas w/50 FTP. JUL 29 1976

Shell-Brotherson 1-26B4 TD 12,606. PB 10,840. On 24 hr test well flwd 11 BO,
(Perf & AT) 18 BW, 14 MCF Gas w/50 FTP. JUL 30 1976

Shell-Brotherson 1-26B4 TD 12,606. PB 10,840. On 24-hr test 6/17/76 before work,
(Perf & AT) prod 6 BO, 0 BW, 19 MCF gas. On 24-hr test dated 8/2/76
after work, prod 27 BO, 6 BW, 15 MCF gas w/50 psi.
FINAL REPORT
AUG 02 1976

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Texas 77001		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1272' FNL & 1408' FEL		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO. 43-013-30336		9. WELL NO. 1-26B4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6327' KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA NW/4 NE/4 Sec. 26-T2S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

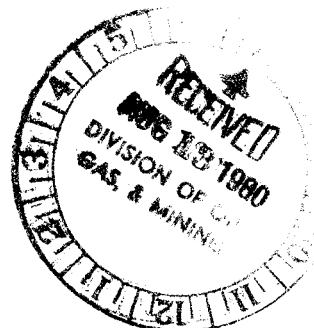
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

See attached worksheet.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 8/14/80

BY: Clem B Feigler



18. I hereby certify that the foregoing is true and correct

SIGNED J. R. Belstrom FOR J. M. Belstrom

TITLE Division Production Engineer DATE 8/6/80

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

REMEDIAL PROGNOSIS
BROTHERSON 1-26B4
SECTION 26, T2S, R4W
ALTAMONT FIELD, UTAH

Pertinent Data:

Shell's share: 100%

Elevation (KB): 6327'

Elevation (GL): 6298'

TD: 12,606'

PBTD: 12,475' (CIBP at 10,840')

Casing: 13-3/8", 68#, K-55 to 317'; 9-5/8", 40#, K-55 to 5123'; 7", 26#, S-95 and N-80 to 10,410'

Liner: 5", 18#, N-80; top at 10,210', bottom at 12,604'

Tubing: 2-7/8", EUE, 6.5#, N-80 to 10,350'

Packer: 5" Baker Model "FA" at 10,350'

Perforations: 10,522'-10,820' (162 holes) above CIBP; 10,850'-12,469' (278 holes)

Objective: CO, perforate, and stimulate the Wasatch.

Procedure:

1. MIRU. Load hole with clean produced water. Remove tree. Install and test BOPE as per field specs.
2. Pull tubing and seals.
3. RIH and mill out Baker 5" Model "FA" at 10,350'. Mill out CIBP at 10,840'. CO 5" liner to 12,475' (PBTD).
4. Rig up perforators with lubricator (tested to 3000 psi) and perforate as follows:
 - a. Perforate using a 3-1/8" O.D. casing gun with DML Densi-Jet XIV (14.0 gram) charges at 120° phasing.
 - b. Record and report wellhead pressure before and after each run.
 - c. Perforate (from bottom up) 3 shots per foot at depths shown on Attachment I. Depth reference is Dresser Atlas' GR/CBL dated 3/10/75.
- 5a. If well can be controlled with water after perforating, run a 5" fullbore packer on tubing and set at +11,370'. Test tubing to 6500 psi.
- b. If well cannot be controlled with water after perforating, lubricate in a 5" Model "FA-1" packer with Model "B" expendable plug in place and set at +11,370'. Run in with latch-in seal assembly. Latch into packer at +11,370' and pressure test tubing to 6500 psi. Run in with sinker bars and jars on wireline and knock out expendable plug from packer at +11,370'. Continue to Step 6.
6. Acid treat perms 12,469'-11,390' (288 new, 179 old) with 31,000 gallons of 7-1/2% HCL as follows:

- a. Pump 3000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 60 gallons.
- b. Pump 1000 gallons acid containing 1000# benzoic acid flakes.
- c. Repeat Step (a) 7 more times and Step (b) 6 more times for a total of 8 stages acid and 7 of diverting material (total 31,000 gallons acid and 400 ball sealers).
- d. Flush with 110 bbls of clean produced water.

Notes:

1. All acid and flush to contain 6 gallons G-10/1000 gallons HCL or equivalent for $\pm 70\%$ friction reduction and 1.0# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).
2. All acid to contain 3 gallons C-15/1000 gallons HCL for 4 hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
3. Maintain 2500 psi surface casing pressure during treatment if possible.
4. Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
5. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
6. Record ISIP and shut-in pressure decline for at least 20 minutes.

7. Run RA log from PBTD to 11,300'.
- 8a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 9.
- b. If well does not flow, continue with Step 9.
- 9a. If a 5" fullbore packer was used in Step 5, POOH with tubing and packer. RIH with 5" RBP and 5" fullbore packer. Set RBP at +11,370'. Pressure test to 3000 psi. If okay, spot 1 sack of sand on plug (at field's discretion).
- b. If a 5" Model "FA-1" packer was used in Step 5, POOH with tubing. RIH with Model "D latching" plug. Pressure test plug to 3000 psi. If okay, spot 1 sack of sand on plug (at field's discretion).
10. Rig up perforators with lubricator (tested to 3000 psi) and perforate as follows:
 - a. Perforate using a 3-1/8" O.D. casing gun with DML Densi-Jet XIV (14.0 gram) charges at 120°F phasing.

- b. Record and report wellhead pressure before and after each run.
 - c. Perforate (from bottom up) 3 shots per foot at depths shown on Attachment II. Depth reference is Dresser Atlas' GR/CBL dated 3/10/75.
- 11a. If well can be controlled with water after perforating, run a 5" fullbore packer on tubing and set at $\pm 10,450'$. Test tubing to 6500 psi.
- b. If well cannot be controlled with water after perforating, lubricate in a 5" Baker Model "FAB-1" packer with milling extension and BFC "F" non-ported seating nipple with BFC blanking plug in place. Set packer at $10,450' \pm$. Run in with latch-in seal assembly. Latch into packer at $10,450' \pm$ and pressure test tubing to 6500 psi and land tubing. Run BFC blanking plug retrieving tool and remove plug from packer at $10,450' \pm$.
12. Acid treat perfs $11,352' - 10,522'$ (132 new, 261 old) with 24,000 gallons of 7-1/2% HCL as follows:
- a. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 65 gallons.
 - b. Pump 1000 gallons acid containing 1000# benzoic acid flakes.
 - c. Repeat Step (a) 4 more times and Step (b) 3 more times for a total of 5 stages acid and 4 of diverting material (total 24,000 gallons acid and 300 ball sealers).
 - d. Flush with 110 bbls of clean produced water.
- Notes:
- 1. All acid and flush to contain 6 gallons G-10/1000 gallons HCL or equivalent for $\pm 70\%$ friction reduction and 1.0# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).
 - 2. All acid to contain 3 gallons C-15/1000 gallons HCL for 4 hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
 - 3. Maintain 2500 psi surface casing pressure during treatment if possible.
 - 4. Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
 - 5. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
 - 6. Record ISIP and shut-in pressure decline for at least 20 minutes.
13. Run RA log from $\pm 11,370'$ to $\pm 10,400'$.

- 14a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 15.
- b. If well does not flow, continue with Step 15.
- 15a. If a 5" fullbore packer was used in Step 11, POOH with tubing and packer.
- b. If a 5" Model "FAB-1" packer was used in Step 11, POOH with tubing and seals. RIH and mill out 5" Model "FAB-1".
- 16a. If an RBP was used in Step 9a, circulate sand (if necessary) and retrieve BP. Proceed to Step 17.
- b. If a 5" Model "FA-1" packer with Model "D" latching plug was used in Step 9b, RIH and retrieve latching plug. RIH in and mill out 5" Model "FA-1" packer. Proceed to Step 17.
17. RIH with tubing, GL mandrels, and 5" packer. Set packer at +10,400'. Install GL mandrels as shown in Attachment III.
18. Return well to production.
19. Report well tests on morning report until production stabilizes.

G. L. Thompson

Date

MEB:JL

MEB
8-4-80RJD
for JMB
8/4/80

ATTACHMENT I

Depth reference is Dresser Atlas' CBL/GR dated 3/10/75

12469	12053	11700
463	043	686
456	004	667
439	12000	660
420	11993	654
409	982	645
403	976	638
393	967	634
375	962	619
330	957	607
325	936	601
322	923	588
293	912	583
286	895	578
269	889	570
250	874	557
242	866	550
240	862	542
229	842	532
213	828	528
196	824	525
184	816	515
172	812	508
166	808	502
162	796	475
139	784	456
131	775	450
119	754	438
105	749	424
093	735	414
082	717	410
069	705	390

TOTAL: 297 perforations (3 JSPF at 99 depths)

ATTACHMENT II

Depth reference is Dresser Atlas' CBL/GR dated 3/10/75

11325	11051
346	039
338	10978
326	972
317	964
309	959
303	949
297	938
262	932
258	852
252	844
214	835
192	827
189	818
180	812
157	806
142	798
128	790
114	784
107	760
076	747
061	742

TOTAL: 132 perforations (3 JSPF at 44 depths)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. PATENTED
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 831 Houston, Tx 77001 ATTN: C.E. Tixier rm. # 1916		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1272' FNL & 1408' FEL SEC. 26		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO.		9. WELL NO. 1-2634
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6327' KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA NW 1/4 NE 1/4 T2S R4W
		12. COUNTY OR PARISH Duchesne
		18. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED

18. I hereby certify that the foregoing is true and correct

SIGNED C.E. Tixier TITLE DIVISIONAL PROD. ENGINEER DATE 1-30-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 338
ISSUED 10/10/80

WELL: BROTHERRSON 1-2684
 LABEL: FIRST REPORT
 AFE: 595307
 FOREMAN: GARY L. LAMBE
 RIG: WESTERN #12
 OBJECTIVE: CLEAN OUT PERFORATE AND STIMULATE AND INSTALL G. L. EQUIP.
 AUTH. AMNT: 155000
 DAILY COST: 1
 CUM COST: 9-6-80-3
 DATE: 9-6 AND 9-8-80
 ACTIVITY: 9-6-80 MOVE IN RIG AND RIG UP. SPOT EQUIP. RIG UP
 02 B.O.P. UNSEAT SEAL ASSEMBLY P.O.O.H. WITH 3000FT. OF
 03 TBG. S.D.O.N.
 04 9-8-80 FINISH P.O.O.H. O WITH TBG. RIG UP PACKER PLUCKE
 05 PLUCKER. R.I.H. RIG UP POWER S
 06 SWIVEL. GET READY TO MILL UP TO FA PACKER. S.D.O.N.

LABEL: -----
 DAILY COST: 4000
 CUM COST: 11000
 DATE: 9-9-80
 ACTIVITY: START MILLING FA PACKER. MILLED UP PACKER IN 3 HRS
 02 RIG DOWN POWER SWIVEL. RIG UP TO PULL TBG. P.O.O.H.
 03 WITH TBG. AND PACKER PLUCKER AND FA PACKER. LAID
 04 DOWN PLUCKER AND PACKER. PICK UP FLAT BOTTOM MILL
 05 START BACK IN HOLE WITH TBG. AND MILL
 06 R.I.H. TO
 07 C.I.B.P. AT 10840. RIG UP POWER SWIVEL. S.D.O.N.

LABEL: -----
 DAILY COST: 1000
 CUM COST: 14000
 DATE: 091080
 ACTIVITY: CIRCULATED BOTTOMS UP AT 10838 SET DOWN ON CIBP
 02 MILLED ON CIBP FOR 8 HRS MADE 6 INCH HOLE. SHUT
 03 DOWN. LAYED POWER SWIVEL DOWN. RIG UP TUBING
 04 EQUIPMENT. POOH WITH TUBING AND MILL. S.D.O.N.
 05 091180 STATUS PICK UP NEW FLAT BOTTOM MILL
 06 STARTING IN HOLE.

LABEL: -----

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 338
ISSUED 10/10/80

DAILY COST: 3000
CUM COST: 17000
DATE: 09-11-80
ACTIVITY: RIH. RIG UP POWER SWIVEL. START MILLING ON GIBP.
02 MILLED FOR 4 HRS. MADE 1 FOOT OF HOLE. MILLED
03 SPOT TROQUEING UP. STARTED OUT OF HOLE.
04 09-12-80 STATUS PULLING TUBING.

LABEL: -----
DAILY COST: 1500
CUM COST: 18500
DATE: 9-12 AND 9-13 AND 9-14 AND 9-15 AND 9-16-80
ACTIVITY: 9-12-80 STATUS: PULLING TBG.
02 ACTIVITY: POOH WITH TBG. PICK UP WASH OVER PIPE.
03 START BACK IN HOLE. RUN 6000 FT. OF TBG. IN HOLE.
04 RIG BROKE DOWN. LOST BEARINGS IN GEAR BOX.
05 9-13-80 STATUS: WORKING ON RIG.
06 9-14-80 STATUS: WORKED ON RIG.
07 9-15-80 STATUS: WORKING ON RIG.
08 SHOULD BE BACK IN OPERATIONS AT 12 NOON. RIG BACK IN
09 SERVICE AT 1 P.M. RUNNING TBG. RIH TO CIBP. RIG UP
10 POWER SWIVEL MILL ON B.P. FOR 3 HRS. PLUG CAME LOOSE
11 S.D.O.N.
12 9-16-80 STATUS: PUSHING C.I.B.P. TO BOTTOM.

LABEL: -----
DAILY COST: 2000
CUM COST: 22500
DATE: 9-16 AND 9-17-80
ACTIVITY: 9-16-80 STATUS: PUSHING C.I.B.P. TO BOTTOM.
02 ACTIVITY: PUSHED CAST IRON B.P. TO BOTTOM T.D. AT
03 12475 FT. B.P. HUNG UP ALL THE WAY TO BOTTOM. USED
04 POWER SWIVEL FROM 10840 FT. TO T.D. AT 12475 FT.
05 9-17-80 STATUS: R.U. WESTERN CO. TO SPOT 1700 GALLONS
06 OF 15 % HCL ACID IN LINER.

LABEL: -----
DAILY COST: 1200
CUM COST: 41500
DATE: 9-17 AND 9-18 AND 9-19 AND 9-20-80
ACTIVITY: 9-17-80 STATUS: CIRCULATING BOTTOMS UP.
02 9-17-80 ACTIVITY: CIRCULATED BOTTOMS UP FOR 2 HRS.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 338
ISSUED 10/10/80

03 CIRCULATED OUT A LOT OF TRASH S.D. PULL UP 1 STAND.
 04 RIG UP WESTERN PUMP-1700 GALLONS OF 15 X HCL ACID.
 05 FLUSH 59 P.W. P.O.O.H. TO 10000 FT. S.D.O.N. LET ACID
 06 SOAK OVER NIGHT.
 07 9-18-80 STATUS: RUNNING BACK IN LINER TO CIRCULATE ACID
 08 9-18-80 ACTIVITY: CIRCULATED ACID OUT OF LINER. SHUT
 09 DOWN PUMP. RIG UP TBG. EQUIP. P.O.O.H. WITH TBG.
 10 AND WASH OVER PIPE. WASH OVER PIPE FULL OF TRASH.
 11 PUSHER FOR WESTERN RIG INDICATED THAT THEY
 12 MIGHT HAVE MISCOUNTED ON TBG. INSTEAD OF CLEANING OUT
 13 TO 12470 FT. TD MAY BE 12407 FT.
 14 9-19-80 STATUS: RIG UP O.W.P. TO CHECK TD
 15 9-19-80 ACTIVITY: RUN TO CHECK TD AT 12459 FT. POOH
 16 RIG UP PERFORATING GUN. MADE FIRST RUN PERFORATED
 17 FROM 12459 FT. TO 12162 FT. A TOTAL OF 25 DEPTHS.
 18 SECOND RUN PERFORATED FROM 12139 FT. TO 11862 FT.
 19 A TOTAL OF 25 DEPTHS. THIRD RUN PERFORATED FROM 11842
 20 FT. TO 11601 FT. A TOTAL OF 25 DEPTHS. FOURTH RUN
 21 PERFORATED FROM 11588 FT. TO 11390 FT. A TOTAL OF 21
 22 DEPTHS. SHOT A TOTAL OF 96 DEPTHS 3 JSPE FOR A TOTAL OF
 23 288 PERFORATIONS. RIG DOWN O.W.P. RIG UP TO RUN TBG.
 24 PICK UP 5 IN. FULLBORE PKR. RIH W/TBG. STANDING VALVE
 25 IN PLACE SET PKR. AT 11380 FT. PSI TEST TO 6500 LBS.
 26 TESTED O.K. RIG UP DELSCO PULL STANDING VALVE. CLOSE
 27 WEL L S.D.O.N.
 28 9-20-80 STATUS: INSTALLING FRAC TREE

LABEL: -----
 DAILY COST: 6000
 CUM COST: 69500
 DATE: 9-20 AND 9-21 AND 9-22-80
 ACTIVITY: 9-20-80 STATUS: INSTALLING FRAC. TREE.
 02 9-20-80 ACTIVITY: INSTALLED FRAC TREE-PSI TESTED
 03 TBG. TO 6500 PSI. CHECKED OK. RIG UP WESTERN CO.
 04 TO ACIDIZE. HOOK PUMP TRUCK UP TO BACKSIDE PUT
 05 2500 PSI ON CSG. STARTED PUMPING ACID. DONE JOB
 06 AS INDICATED ON PROG. PUMP 8 STAGES 3000 GALLONS
 07 DROPPED ONE BALL SEALER EVERY 60 GALLONS.
 08 PUMP 7 STAGES 1000 GALLONS CONTAINING 500 BENZOIC
 09 ACID FLAKES A TOTAL OF 31000 GALLONS.
 10 MAX RATE 10 BBL PER MIN. MAX PSI 8800 PSI
 11 MIN RATE 7 BBL. PER MIN. MIN PSI 8000 PSI

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 338
ISSUED 10/10/80

12 AVEG RATE 8 BBL PER MIN AVEG PSI 8500 PSI
13 ISIP 5000 PSI 5 MIN 4800 MIN 4700 15 MIN 4500
14 CLOSE WELL IN. RIG WESTERN CO. DOWN. LEFT WELL
15 SHUT IN OVER NIGHT.
16 9-21-80 STATUS: RIG UP OWP FOR RA LOG.
17 9-21-80 ACTIVITY: RIG UP OWP RIH COULD NOT
18 GET PAST 11680 FT. MOST LIKELY ACID FLAKES PLUG
19 PULLED OWP OUT OF HOLE. RIG OWP DOWN.
20 WELL HAD 2800 PSI AT SURFACE. OPENED WELL UP ON
21 A 22/64 CHOKE. WELL STABILIZED AT 1200 PSI ON 22/
22 64 CHOKE.
23 9-22-80 STATUS: RIG DOWN AND LEAVE LOCATION.
24 WELL FLOWING TO BATTERY.

LABEL: -----
CUM COST: 69500
DATE: 9-23-80
ACTIVITY: 9-23-80 PRODUCTION FOR 24 HRS.
02 49 OIL- 520 WTR.- 26 MCF GAS- 22/64 CHOKE- 700#
03 TBG PSI.

LABEL: -----
CUM COST: 69500
DATE: 9-27 AND 9-28 AND 9-29 AND 9-30-80
ACTIVITY: 9-27-80 510 OIL- 77 WTR.- 1259 MCF GAS- 18/64
02 CHOKE- 1750# TBG.
03 9-28-80 502 OIL- 65 WTR.- 1295 MCF GAS- 18/64
04 CHOKE- 1800# TBG.
05 9-29-80 500 OIL- 45 WTR.- 1187 MCF GAS- 24/64
06 CHOKE- 1600# TBG.
07 9-30-80 PRODUCTION FOR 19 HRS. 436 OIL- 61 WTR.
08 854 MCF GAS- 22/64 CHOKE- 1600# TBG.

LABEL: FINAL REPORT
CUM COST: 69500
DATE: 9-24 AND 9-25 AND 9-26 AND 10-1 THRU 10-3-80
ACTIVITY: THE RIG MOVED OFF THIS LOCATION ON SEPT. 22 1980
02 THERE ARE PROD. TESTS FOR 9-23 AND 9-27 THRU 9-30-80
03 9-24-80 353 OIL-410 WTR.-24/64 CHOKE-1500# TBG.
04 9-25-80 1135 OIL-230 WTR.-1338 MCF GAS-1100# TBG.
05 9-26-80 627 OIL-18 WTR.- 1439 MCF GAS-1500# TBG.
06 18/64 CHOKE.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 338
ISSUED 10/10/80

07	10-1-80 503 OIL-0 WTR.- 933 MCF GAS-20/64 CHOKE-
08	1100# TBG.
09	10-2-80 529 OIL-111 WTR.-944 MCF GAS-20/64 CHOKE.
10	10-3-80 536 OIL-111 WTR. 1079 MCF GAS.-20/64 CHOKE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. PATENTED
2. NAME OF OPERATOR SHELL OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 831 Houston, TX 77001 ATTN: P.G. Gelling RM. # 6461 WCK		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1272' FNL ~ 1408' FEL SEC. 26		8. FARM OR LEASE NAME BROTHERSON
14. PERMIT NO.		9. WELL NO. 1-2684
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6327' KB		10. FIELD AND POOL, OR WILDCAT ALTAMONT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW1/4 NE1/4 T2S R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
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(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: _____
BY: _____

18. I hereby certify that the foregoing is true and correct

SIGNED D.A. LangieTITLE STATE PROD. ENGINEERDATE 6-24-81

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 354
ISSUED 01/29/81

WELL:	BROTHERSON 1-2684
LABEL:	FIRST REPORT
AFE:	595307
FOREMAN:	K.J. DESHOTEL
RIG:	WOW #17
OBJECTIVE:	CLEAN OUT - PERFORATE AND STIMULATE.
AUTH. AMNT:	155000
DAILY COST:	3100
CUM COST:	81633
DATE:	12-16 AND 12-17-80
ACTIVITY:	12-16-80 STATUS: TUESDAY MOVE TO LOCATION AND RIG UP.
02	12-16-80 ACTIVITY: TUESDAY CONTINUATION OF AFF
03	#595307 TO CLEAN OUT - PERFORATE AND STIMULATE
04	WASATCH. ON 9-22-80 AFTER PERFORATING 288 NEW
05	HOLES PLUS 179 OLD - FROM 12469 FT. - 11390 FT.
06	WELL WAS TREATED WITH 31000 GALLONS OF 15 PERCENT
07	HCL AND RETURNED TO PRODUCTION FLOWING 700 + OR -
08	BARRELS OF OIL - NO WATER AND 1900 TUBING PRESSURE.
09	WELL HAS DECLINED TO 50 BDD + OR - . AFE PROVIDES FUNDS
10	TO STIMULATE BOTTOM AGAIN - IF WELL DOES NOT FLOW
11	AFTER STIMULATION PROCEED WITH 2ND STAGE OF PROGNOSTIS
12	TO PERFORATE AND STIMULATE. MOVE FROM 1-1385 TO
13	LOCATION AND RIG UP. S.D.O.N.
14	12-17-80 STATUS: WEDNESDAY: PULL TUBING.

LABEL:	-----
DAILY COST:	2650
CUM COST:	84283
DATE:	12-17 AND 12-18-80
ACTIVITY:	12-17-80 STATUS: WEDNESDAY: PULL TUBING.
02	12-17-80 ACTIVITY: WEDNESDAY: RIG SHUT DOWN 2 HOURS
03	TO REPAIR HYDROLIC SYSTEM. HOOK RIG PUMP TO WELL
04	HEAD AND PUMPED 85 BARRELS HOT WATER DOWN TUBING -
05	CASING AND TUBING BOTH PRESSURED UP TO 2500 PSI.
06	INDICATION OF HOLE IN TUBING OR PARTED TUBING.
07	UNABLE TO CLOSE VALVE ON CASING TO TIE IN PUMP
08	EQUIPMENT. CALLED OUT CAMERON IRON WORKS AND
09	REPAIRED 2 IN. F VALVE ON CASING. CIRCULATE HOLE
10	WITH 400 BARRELS HOT PRODUCE WATER. REMOVE WELL
11	HEAD AND INSTALL BOPS. PICKED UP ON TUBING -
12	TUBING FREE PULLING WITH STRING WEIGHT OF 25000.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 354
ISSUED 01/29/81

13 PULLED 138 JOINTS OF TUBING - FOUND PIN HAD PULL
14 OUT OF BOX ON THE 139 JOINT. MAKE UP OVERSHOT FOR
15 BOX ON 2 7/8 IN. TUBING. R.I.H. WITH 78 JOINTS
16 TUBING - WELL STARTED FLOWING. S.D.O.N.
17 12-18-80 STATUS: THURSDAY: ATTEMPT TO FISH TUBING.

LABEL: -----
DAILY COST: 4350
CUM COST: 88633
DATE: 12-18 AND 12-19-80
ACTIVITY: 12-18-80 STATUS: THURSDAY: ATTEMPT TO FISH TUBING.
02 12-18-80 ACTIVITY: THURSDAY: S.I. WELL HEAD PSI
03 600 - OPEN WELL TO PIT SLED DOWN TO 150 PSI AND
04 STARTED FLOWING. HOOK UP RIG PUMP AND CIRCULATE
05 BOTTOMS UP - R.I.H. TO 4335 FT. TUBING MEASUREMENTS
06 AND LATCH TUBING - RELEASE 5 IN. FULLBORE PACKER AND
07 CIRCULATE BOTTOMS UP. MIRU WAX CUTTER AND R.I.H.
08 TO 9000 FT. TUBING CLEAN. RIG DOWN WAX CUTTER AND
09 P.O.O.H. WITH TUBING. - FOUND THE BOX ON THE 137
10 JOINT SPLIT. LAYED DOWN OVERSHOT AND THE 1 JOINT
11 OF TUBING WITH THE SPLIT BOX. WITH APPX. 7000 FT.
12 OF TUBING IN HOLE CIRCULATED BOTTOMS UP. P.O.O.H.
13 WITH TUBING. MAKE UP 4 1/8 IN. TUBING MILL AND
14 R.I.H. TO 5000 FT. WELL STARTED FLOWING. S.D.O.N.
15 12-19-80 STATUS: FRIDAY: RUN TO BOTTOM WITH 4 1/8 IN.
16 MILL.

LABEL: 801220
DAILY COST: 2850
CUM COST: 91483
DATE: 12-19-80
ACTIVITY: 12-19-80 STATUS: FRIDAY: RUN TO BOTTOM WITH 4 1/8
02 IN. MILL
03 12-19-80 ACTIVITY: FRIDAY: SI WELLHEAD PSI 900
04 OPEN WELL TO PIT BLED DOWN TO 100 PSI WELL STARTED
05 FLOWING CIRCULATE BOTTOMS UP AND RIH WITH TBG TO
06 10000 FT. WELL FLOWING CIRCULATE BOTTOMS UP RIH
07 TO 12475 FT. PHOTO 5 IN. LINER CLEAN DID NOT HAVE
08 TO DO ANY MILLING TO GET TO BOTTOM CIRCULATED
09 BOTTOMS UP FROM 12475 FT. POOH LAYING DOWN TBG
10 PULL UP TO 2000 FT. SDON
11 12-20-80 STATUS: RUN PACKER AND PREPARE TO ACTD+ZF

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 354
ISSUED 01/29/81

LABEL: 801222
DAILY COST: 3850
CUM COST: 95333
DATE: 12-20 AND 12-21-80
ACTIVITY: 12-20-80 STATUS: RUN PACKER AND PREPARE TO ACIDIZE
#02* 12-20-80 ACTIVITY: SATURDAY: SI WELLHEAD PSI 900
#03* LBS. OPEN WELL TO PIT BLED DOWN TO 100 PSI WELL
#04* STARTED FLOWING PUMP 200 BBLs. HOT PRODUCED WATER
#05* WELL STILL FLOWING RIH TO 7000 FT. WITH TBG AND
#06* CIRCULATE BOTTOMS UP WELL QUIT FLOWING POOH WITH
#07* TBG MADE UP 5 IN. FULLBORE PACKER AND RIH TO 11370
#08* FT. AND SET PACKER PRESSURE TEST TBG TO 6500 PSI
#09* TBG OK PRESSURE TEST CSG TO 2800 PSI CSG TAKING
#10* 2 BBLs. P/M AT 2800 FT. PERFS ABOVE PACKER AT
#11* 11370 FT. LAND TBG WITH 16000 LBS. TENSION REMOVE
#12* BOPS AND INSTALL 10000 LBS. WELLHEAD SDR0
#13* 12-21-80 STATUS: SUNDAY: SHUTDOWN
#14* 12-22-80 STATUS: MONDAY: ACIDIZE

LABEL: 801223
DAILY COST: 49663
CUM COST: 144996
DATE: 12-22-80
ACTIVITY: 12-22-80 STATUS: MONDAY: ACIDIZE
#02* 12-22-80 ACTIVITY: MONDAY: MIRU DOWELL HELD SAFTY
#03* MEETING PRESSURE TEST LINES TO 9500 PSI LINES ALL
#04* OK ACIDIZE WELL TOT PUMP TIME 1:15 MIN. MAX PSI
#05* 9000 AVG PSI -8200 MIN PSI-7200 MAX RATE 16.0 AVG
#06* RATE 14.0 MIN RATE 9.0 ISP-5000 5 MIN-4860 10 MTN
#07* 4500 15 MIN-4200 20 MIN-3900 ACID 744 BBLs. FLUSH 110
#08* BBLs. TOT FLUIDS 854 BBLs. 400 BALLS 2000 LBS. BAF
#09* MAX CSG PSI 2780 RIG DOWN DOWELL MIRU OWP AND RIH
#10* RA LOG LOG INDICATES ABOUT 96% TREATMENT RIG DOWN
#11* DOWELL OPEN AND FLOW WELL TO PIT FOR APPX 1 HP
#12* BEFORE IT STARTED MAKING OIL HOOK UP FLOWLINE AND
#13* TURN WELL INTO TREATER
#14* 12-23-80 STATUS: TUESDAY: WELL FLOWING TO TREATER
#15* FOR 9 HRS WELL PRODUCED 32 OIL 184 WATER 131 GAS
#16* TBG PSI 200 T.C. 28/64

LABEL: 801224

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 337
ISSUED 02/23/81

WELL: BROTHERRSON 1-26B4
LABEL: FIRST REPORT
AFE: 595307
FOREMAN: KENT RUST
RIG: WOW #17
OBJECTIVE: CLEAN OUT PERFORATE AND STIMULATE
AUTH. AMNT: 205000
DAILY COST: 2200
CUM COST: 161975
DATE: 1-26 AND 1-27-81
ACTIVITY: 1-26-81 STATUS: MOVING
02 1-26-81 ACTIVITY: CONTINUATION OF AFE #595307 TO
03 CLEAN OUT - PERFORATE AND STIMULATE WASATCH. MOVE
04 FROM 1-1983 TO 1-26B4. RIG UP. UNSEAT PACKER
05 AND START OUT OF HOLE WITH TUBING. SDON
06 1-27-81 STATUS: FINISH PULLING TUBING AND PERFORATE.

LABEL: -----
DAILY COST: 12837
CUM COST: 174812
DATE: 1-27 AND 1-28-81
ACTIVITY: 1-27-81 STATUS: FINISH PULLING TUBING AND PERFORATE.
02 1-27-81 ACTIVITY: FINISH PULLING TUBING OUT OF
03 HOLE. RIG UP OIL WELL PERFORATORS. RUN IN CAST
04 IRON BP AND SET AT 11370 FT. MADE TWO RUNS WITH
05 3 1/8 GUN WITH 14 GRAM CHARGE AT 120 DEGREES
06 PHASING. MADE 132 PERFORATIONS FROM 11352 FT. -
07 10742 FT. RIG DOWN OWP. START IN HOLE WITH TUBING
08 AND 5 IN. PACKER.
09 1-28-81 STATUS: ACIDIZE

LABEL: 810129
DAILY COST: 30588
CUM COST: 192563
DATE: 1-28-81
ACTIVITY: 1-28-81 STATUS: ACIDIZE
02 1-28-81 ACTIVITY: FINISH RUNNING IN HOLE WITH TUBING
03 AND 5 IN. PACKER SET PACKER AT APPROX 10450 FT.
04 REMOVE BOP AND INSTALL 10000 LB TREE PRESSURE TEST
05 CSG TO 2500 PSI REG UP DOWELL FOR ACID JOB PRESSURE
06 TEST LINES AND HOLD SAFTY MTG MAX RATE 12 BBL.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 337
ISSUED 02/23/81

07 AVG RATE 11 BBL. MIN RATE 10 BBL. MAX PRESS 8700 PSI
 08 AVG PRESS 8200 PSI MIN PRESS 7100 PSI MAX CSG PRESS
 09 2500 PSI TOTAL ACID 576 BBL. TOTAL FLUSH 110 BBL.
 10 TOTAL FLUID 686 BBL. ISIP 4000 LBS. 5 MIN 4000 LBS.
 11 10 MIN. 3950 LBS. 15 MIN. 3950 LBS. 20 MIN 3950 LBS.
 12 PMP TIME WAS 1 HR 14 MIN. RIG DOWN DOWELL RIG UP OWP
 13 TO RUN RA LOG START DOWN HOLE BUT HAD TO PULL OUT OF
 14 HOLE BECAUSE BENZOIC FLAKES HAD BRIDGED UP SDON
 15 1-29-81 STATUS : RUN RA LOG

LABEL: 810130
 DAILY COST: 7185
 CUM COST: 199748
 DATE: 1-29-81
 ACTIVITY: 1-29-81 STATUS: RUN RA LOG
 02 1-29-81 ACTIVITY: HAD OWP RUN IN HOLE FOR RA LOG
 03 FROM 10300 FT. - 10926 FT. COULD NOT GET DOWN TO
 04 BOTTOM DEPTH BECAUSE OF FLAKES BRIDGING UP RA LOG
 05 SHOWS GOOD TREATMENT IN ALL PERFS OVERALL LOOKS
 06 LIKE WE GOT A REAL GOOD TREATMENT RIG DOWN OWP
 07 HOOK UP TREE TO FLOW LINE AND PRODUCE WELL OVERNIGHT
 08 FOR OBSERVATION SDON
 09 1-30-81 STATUS: CHECK CONDITION OF WELL TO SEP YF
 10 STILL FLOWING

LABEL: 810201
 DAILY COST: 2585
 CUM COST: 202333
 DATE: 1-30-81
 ACTIVITY: 1-30-81 STATUS: CHECK CONDITION OF WELL TO SEP
 02 IF STILL FLOWING
 03 1-30-81 ACTIVITY: KILL WELL WITH PRODUCED WATER
 04 HAD TROUBLE KILLING WELL REMOVE TREE AND PUT ON
 05 BOPS RUN IN HOLE WITH MILL AND TBG TO MILL OUT
 06 CAST IRON BP. (11370 FT.)
 07 1-31-81 STATUS: MILL OUT BP

LABEL: -----
 DAILY COST: 2450
 CUM COST: 204783
 DATE: 1-31-81
 ACTIVITY: 1-31-81 ACTIVITY: CALLED OUT STEAM TRUCK TO UNTHAW

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 337
ISSUED 02/23/81

02 RIG - MILLED UP C.I.B.P. - PUSHED TO THE BOTTOM
03 OF HOLE - STARTED OUT OF HOLE WITH TUBING AND MTLI -
04 SDON.

LABEL: -----
DAILY COST: 2350
CUM COST: 207133
DATE: 2-2-81
ACTIVITY: 2-2-81 ACTIVITY: KILLED WELL AND PULLED THE REST
02 OF THE WAY OUT OF THE HOLE. PUT ON A 5 IN.
03 GUIBERSON PACKER. R.I.H. WHILE PICKING UP GAS
04 LIFT MANDRELS. GOT TO THE TOP OF 5 IN. LINER -
05 PACKER WOULDN'T GO DOWN LINER - CALLED GUIBERSON
06 HAND OUT . S.D.F.N.

LABEL: 810204
DAILY COST: 2950
CUM COST: 210083
DATE: 2-3 AND 2-4-81
ACTIVITY: 2-3-81 ACTIVITY: PUMPED WATER TO KILL WELL -
02 COULDN'T GET ANY FARTHER IN 5 IN. LINER WITH PACKER -
03 SET PACKER @ 10250 WITH 14000 LBS. TENSION -
04 TOOK ROPS OFF - PUT TUBING IN DONUT - INSTALLED
05 500 LB. TREE - HOOKED UP FLOW LINE. RIG DOWN.
06 S.D.F.N.
07 2-4-81 STATUS: OPEN UP WELL TO THE BATTERY. RIG
08 MOVING TO I-22A3. FINAL REPORT

LABEL: FINAL REPORT
DAILY COST: FINAL REPORT
CUM COST: 210083
DATE: 2-5 2-6 2-7 2-8 2-9 2-10 AND 2-11-81
ACTIVITY: 2-5-81 OIL-99 WATER-275 MCF-31 FTP-40
02 CP-1250 INJ. GAS-0 CHOKE-40/64 19 HOURS.
03 2-6-81 OIL-67 WATER-517 MCF-488 FTP-250
04 CP-1260 INJ. GAS-0 CHOKE-30/64 24 HOURS.
05 2-7-81 OIL-212 WATER-587 MCF-453 FTP-290
06 CP-1260 INJ. GAS-121 CHOKE-30/64 24 HOURS.
07 2-8-81 OIL-288 WATER-669 MCF-630 FTP-530
08 CP-1240 INJ. GAS-323 CHOKE-30/64 24 HOURS.
09 2-9-81 OIL-306 WATER-665 MCF-785 FTP-390
10 CP-1240 INJ. GAS-431 CHOKE-30/64 24 HOURS.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 354
ISSUED 01/29/81

DAILY COST: 1100
CUM COST: 146096
DATE: 12-23-80
ACTIVITY: 12-23-80 STATUS: TUESDAY: WELL FLOWING TO TREATER
02 12-23-80 ACTIVITY: TUESDAY: TURN WELL OVER TO
03 PRODUCTION RIG DOWN AND MOVE RIG EQUIPMENT

LABEL: 801228
DAILY COST: 801228
CUM COST: 146096
DATE: 12-24 AND 12-25 AND 12-26 AND 12-27-80
ACTIVITY: 12-24-80 ACTIVITY: OIL 159-WTR 632-MCF GAS 255
02 CHOKE 28/64-FTP 420 PSI-CSG 570 PSI
03 12-25-80 ACTIVITY: OIL 199-WTR 612-MCF GAS 405
04 CHOKE 28/64-TBG 340 PSI-CSG 700 PSI
05 12-26-80 ACTIVITY: OIL 209-WTR 521-MCF GAS 343
06 CHOKE 28/64-TBG 330 PSI-CSG 800 PSI
07 12-27-80 ACTIVITY: OIL 288-WTR 603-MCF GAS 410
08 CHOKE 28/64-TBG 280 PSI-CSG 820 PSI

LABEL: -----
DAILY COST: NONE
CUM COST: 146096
DATE: 12-28-80
ACTIVITY: 12-28-80 ACTIVITY: OIL-304 WATER-562 GAS-415
02 FTP-300# CSG-860 # CHOKE-28/64

LABEL: FINAL REPORT
DAILY COST: FINAL REPORT
CUM COST: 146096
DATE: 12-29-80
ACTIVITY: 12-29-80 ACTIVITY: OIL 355-WTR 514-MCF GAS 482
02 FTP 290 PSI-CSG 900 PSI-CHOKE 28/64 BEEN IN
03 PRODUCTION FOR 6 DAYS SINCE RIG LEFT LOCATION

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 337
ISSUED 02/23/81

11	2-10-81	OIL-240	WATER-553	MCF-751	FTP-410
12	CP-1230	INJ. GAS-463	CHOKE-30/64	24 HOURS.	
13	2-11-81	OIL-176	WATER-571	MCF-755	FTP-325
14	CP-1240	INJ. GAS-436	CHOKE-30/64	24 HOURS.	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR <u>Shell Oil Company</u> 3. ADDRESS OF OPERATOR <u>P.O. Box 831 Houston, Tx 77001 ATTN: P.G. Gelling Rm. # 6459 WCK</u> 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>1272' FNL + 1408' FEL SEC. 26</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>PATENTED</u> 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME <u>BROTHERSON</u> 9. WELL NO. <u>1-26 B4</u> 10. FIELD AND POOL, OR WILDCAT <u>ALTAMONT</u> 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>NW 1/4 NE 1/4 T2S R4W</u> 12. COUNTY OR PARISH <u>DUCHESNE</u>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>6327 KB</u>	13. STATE <u>UTAH</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

1/20/82
W.F.N. Kelldore

18. I hereby certify that the foregoing is true and correct

SIGNED W.F.N. Kelldore
 (This space for Federal or State office use)

TITLE DIVISION PROD. ENGINEER

DATE 1-8-82

APPROVED BY _____
 CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

ATTACHMENT I

Depth reference is OWP's CBL/GR dated 1-31-75.

12241	11769	11340	10990	10658
228	744	331	978	637
214	712	308	972	610
204	702	297	966	597
190	695	294	954	584
172	672	285	945	563
166	653	268	939	547
141	640	253	934	519
130	633	248	925	500
106	619	240	919	482
085	603	232	908	472
076	588	217	902	442
050	561	205	882	417
038	552	197	864	410
027	534	190	844	393
012	526	169	826	368
006	519	165	821	323
11998	510	147	796	305
975	492	137	767	297
932	480	108	759	292
926	465	101	750	264
899	460	089	738	251
884	440	076	732	242
870	435	068	726	233
858	408	052	716	219
851	394	048	705	194
846	377	029	696	098
824	369	008	685	062
784	354	10998	675	040

Total 423 perforations (3JSPF at 141 depths)

REMEDIAL PROGNOSIS
BROTHERSON 1-26B4
SECTION 26, T2S, R4W
ALTAMONT FIELD, UTAH

Pertinent Data:

Shell's Share: 100%

Elevation (KB): 6327'

Elevation (GL): 6298'

TD: 12606'

PBTD: 12,475'

Casing: 13-3/8", 68#, K-55 to 317'

9-5/8", 40#, K-55 to 5123'

7", 26#, S-95 and N-80 to 10,410'

Liner: 5", 18#, N-80, top at 10,210', bottom at 12,604'

Tubing: 2-7/8", EUE, 6.5#, N-80 to 10,350'

Packer: 5" Guiberson at 10,250'

Perforations: 10,742'-12,469' (472', 752 holes)

Objective: CO and stimulate Wasatch.

Procedure:

1. MIRU. Load hole with clean produced water. Remove wellhead. Install and test BOPE as per field specs.
2. POOH with tubing and 5" Unipacker at +10,250', laying down gas lift mandrels while coming out.
3. RIH with mill. CO 5" liner to PBTD. Take 2 samples of scale in interval between 10,742'-12,469'. POOH.
4. RIH with tubing and 5" fullbore packer. Set packer at +10,500'. Pressure test casing to 2500 psi and tubing to 6500 psi.
5. Acidize perfs 10,742'-12,469' (752 holes) with 47,000 gals. 15% HCl with Dowell MSR-100 additive as follows:
 - a. Pump 1000 gals. 15% MSR acid to establish injection rate.
 - b. Pump 1000 gals. 15% MSR acid.
 - c. Pump 500 gals. WF-40 with 15 ball sealers and 250# benzoic acid flakes. (WF-40 = clean produced water with 40 lbs/gal. gel.)
 - d. Repeat Step (b) 46 more times and repeat Step (c) 45 more times for a total of 47 stages MSR acid and 46 stages of diverting materials. (Total of 47,000 gals. 15% MSR 100 acid and 690 ball sealers.)
 - e. Flush with 110 bbls WF-10 made with clean produced water containing 2% KCl.

- Notes:
1. Each acid stage to contain 1000 gal. 15% MSR 100 acid, 1% A-200 inhibitor, .3% W-27 non-emulsifier, 2.5 lb/1000 gal. J-120 friction reducer, 1 lb 20-40 mesh RA sand. (No RA sand in flush.)
 2. Each diverting stage to contain 500 gal. WF-40 (clean produced water with 50 lbs/gal. gel), 2% KCl, 250 lbs J-227 benzoic acid flakes, 15 ball sealers.
 3. Flush (WF-10) made with clean produced water and 10 lbs/gal. gel and 2% KCl.
 4. Maintain 2500 psi surface casing pressure during treatment is possible.
 5. Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
 6. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
 7. Record ISIP and shut-in pressure decline for at least 20 minutes.
6. Run RA log as soon as possible from PBTD to $\pm 10,400'$.
 7. Attempt to recover unspent acid sample. Record pH of sample and send results to K. B. Mays, WCK 6469.
 8. POOH with tubing and packer.
 9. RIH with tubing, GL mandrels and 5" packer. Set packer at $\pm 10,250'$. Install GL mandrels as shown in Attachment I.
 10. Return well to production.
 11. Submit well tests on morning report until production stabilizes.

WFK 8/6/81
Requested by *K. B. Mays*
K. B. Mays

Approved by *D. D. Laumbach*
D. D. Laumbach
8/6/81
Date

KBM:SJP
8/5/81

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on
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SUNDRY NOTICES AND REPORTS ON WELLS

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14. PERMIT NO. 	15. ELEVATIONS (Show whether DF, RT, OR, etc.) <p style="text-align: center;">6327' KB</p>	

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(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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SEE ATTACHED

18. I hereby certify that the foregoing is true and correct

SIGNED

W. F. N. KELLOGG

TITLE DIVISION PRDD. ENGINEER

DATE 1-20-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ALTIAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 351
ISSUED 11/24/81

LABEL: 910921
DAILY COST: 3500
CUM COST: 9100
DATE: 8-20-81
ACTIVITY: 8-20-81 ACTIVITY: RUN IN LINER W/IRG AND MILL
02 TAGGED SCALE @ 10135 FT. PICKED UP POWER SWIVEL
03 PUMP WTR DOWN BACKSIDE GOT CIRCULATION @ SURFACE
04 STARTED MILLING MILLED DOWN TO 10538 FT. MADE 223
05 LAYER DOWN PWER SWIVEL PULLED UP OUT OF THE LINER
06 SDON

WELL: BROOTHERSON 1-2684
LABEL: FIRST REPORT
AFE: 519657
FOREMAN: K.C. LAPOSE
RIG: WDM #20
OBJECTIVE: CO AND STIMULATE WASATCH
AUTH. AMNT: 155000
DAILY COST: 2350
CUM COST: 2350
DATE: 8-18-81

ACTIVITY: 8-18-81 STATUS: W.O. #519657 IS FOR THE AMOUNT OF
02 155000 TO C.O. AND STIMULATE THE WASATCH. THIS
03 IS THE FIRST REPORT.
04 8-18-81 ACTIVITY: MIRU - PUMPED WTR DOWN IRG TO
05 KILL WELL - REMOVED 5000# PRODUCTION TREE - INSTALLED
06 BOPS - RELEASED PACKER - STARTED OUT OF THE HOLE.
07 SDON

LABEL: 810820
DAILY COST: 2850
CUM COST: 5200
DATE: 8-19-81
ACTIVITY: 8-19-81 ACTIVITY: FINISHED PULLING OUT OF THE
02 HOLE WITH TUBING AND PACKER WHILE LAYING DOWN GAS
03 LIFT MANDPELS - PUT ON A 4-1/8 IN. MILL - RIH -
04 GOT INTO 5 IN. LINER TO 10255 FT. TAGGED SCALE -
05 PICKED UP POWER SWIVEL - PUMPED 100 BRLS OF WTR
06 DOWN TUBING - STARTED MILLING - MADE 50 FT.
07 LAYED DOWN POWER SWIVEL - PULLED UP OUT OF THE LINER.
08 SDON

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 351
ISSUED 11/24/81

LABEL: R10824
DAILY COST: 6100
CUM COST: 15200
DATE: 8-21-81
ACTIVITY: 8-21-81 ACTIVITY: RIH WITH TBG AND MILL TAGGED
02 SCALE @ 10538 FT. PICKED UP POWER SWIVEL PUMPED
03 WTR AND GOT CIRCULATION @ SURFACE MILLED DOWN
04 TO 11100 FT. MADE 562 FT. LAYED DOWN POWER SWIVEL
05 PULLED UP OUT OF THE LINER SDON
06 8-22-81 ACTIVITY: RUN IN LINER WITH TBG AND MILL
07 TAGGED SCALE @ 11100 FT. PICKED UP POWER SWIVEL
08 PUMPED WTR GOT CIRCULATION @ SURFACE MILLED DOWN
09 TO 12100 FT. MADE 1000 FT. LAYED DOWN POWER SWIVEL
10 PULLED UP OUT OF THE LINER SDON
11 8-23-81 STATUS: SUNDAY SHUT DOWN

LABEL: R10825
DAILY COST: 3750
CUM COST: 18950
DATE: 8-24-81
ACTIVITY: 8-24-81 ACTIVITY: WELL HAD 350 PSI ON IT BLEED WELL OFF
02 TO FLAT TANK PUMPED WTR DOWN TBG KILLED WELL RUN IN
03 LINER WITH MILL AND TBG TAGGED SCALE @ 12100 FT. PICKED
04 UP POWER SWIVEL PUMPED WTR DOWN BACK SIDE GOT CIRCULATION
05 @ SURFACE STARTED MILLING GOT DOWN TO 12457 IN. 18 FT.
06 OFF PBTD MILL PLUGGED OFF LAYED DOWN POWER SWIVEL POOH
07 SDON

LABEL: -----
DAILY COST: 3850
CUM COST: 22800
DATE: 8-25-81
ACTIVITY: 8-25-81 ACTIVITY: FINISHED PULLING TBG AND MILL
02 OUT OF THE HOLE (WET STRING) FOUND A PIECE OF
03 RUBBER OFF OF PKR UP IN THE TBG - UNPLUGGED TBG.
04 RIH W/TBG AND MILL - TAGGED SCALE @ 12457 FT. PICKED
05 UP POWER SWIVEL - PUMP WTR DOWN BACK SIDE GOT
06 CIRCULIZATION @ SURFACE - MILLED DOWN TO 12470 FT.
07 5 FT. OFF PBTD. HIT SOMETHING HARD - LAYED POWER
08 SWIVEL DOWN - PULLED UP OUT OF LINER. SDON.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 351
ISSUED 11/24/81

LABEL:	-----
DAILY COST:	\$150
CUM COST:	28950
DATE:	8-26-81
ACTIVITY:	8-26-81 ACTIVITY: RUN PIPE AND MILL BACK IN LINE
02	TAGGED BOTTOM @ 12470 FT. CIRCULATED WTR DOWN
03	BACKSIDE TO SURFACE FOR 3 HRS TO CLEAN OUT HOLE
04	SPOTTED 1500 GALS OF 15 PERCENT DOUBLE INHIBITED
05	ACID DISPLACED ACID OUT OF THE TRG. WITH PRODUCED
06	WTR. WELL WENT ON VACUUM. POOH. SDON.
LABEL:	810828
DAILY COST:	123500
CUM COST:	155300
DATE:	8-27-81
ACTIVITY:	8-26-81 ACTIVITY: RIH W/TRG AND PKR LANDED PKR @ 10500 FT.
02	PRESSURE CHECKED BACK SIDE TO 2500 PSI OK TOOK BOPS
03	OFF INSTALLED 10000 SPI FRAC-TREE RIG UP DOWELL ACIDIZE
04	WELL WITH 47000 GALS OF 15% MSR ACID 490 BALL SEALERS 1
05	11500 LBS BAF 4620 GALS OF 2% KCL FLUSH WTR MAX RATE 19.5
06	BPM MIN RATE 12 BPM MAX PRESS 9000 PSI MIN PRESS 4300 PSI
07	ISOP 3800 SPI 5 MIN 5700 SPI 10 MIN 7500 PSI 15 MIN 5300
08	PSI 20 MIN 3100 PSI RIG DOWELL DOWN RIG UP OWP RIH ONLY
09	COULD GET TO 11650 FT. LOG UP 12400 FT. LOG LOOKED GOOD
10	POOH WELL HAD 500 PSI ON IT D SDON
LABEL:	810831
DAILY COST:	3350
CUM COST:	158650
DATE:	8-28-31-81
ACTIVITY:	8-28-81 ACTIVITY: WELL HAD 0 PSI ON IT RIG UP DELSCO
02	RIH W/1 1/2 IN. IMPRESSION BLOCK WENT DOWN TO PRD
03	POOH RIG DELSCO DOWN RELEASED PKR TOOK 10000 PSI TREE
04	OFF INSTALLED BOPS POOH PUT ON A 5 IN. GUBERSON RIH
05	PICKING UP GAS LIFT MAND LANDED PKR @ 10250 PUT ON DO-
06	NUT HUNG TRG TOOK BOPS OFF INSTALLED 5000 PSI TREE PUT
07	WELL BACK ON PRODUCTION RELEASED RIG SDON
08	8-30-81 ACTIVITY: OIL 126-HRS 24-WTR 274-MCF GAS 877
09	CHOKE 32/64-FIP 100-INJ GAS 460
LABEL:	810901
DAILY COST:	810901

ALTIAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 351
ISSUED 11/24/81

CUM COST: 158650
DATE: 8-31-81
ACTIVITY: 8-31-81 ACTIVITY: HRS 24-OIL 143WTR 308-MCF GAS 697
02 CHOKE 32/64-FTP 100-INJ GAS 502

LABEL: 810908
DAILY COST: 158650
CUM COST: 158650
DATE: 8-31-81 AND 9-1-2-3-4-5-6-7-81
ACTIVITY: 8-31-81 ACTIVITY: HRS 24-OIL 143-WTR 308-MCF GAS 697
02 CHOKE 32/64-FTP 100-INJ GAS 502
03 9-1-81 ACTIVITY: HRS 24-OIL 92-WTR 227-MCF GAS 899
04 CHOKE 64/64-FTP 160-INJ GAS 415
05 9-2-81 ACTIVITY: HRS 24-OIL 223-WTR 223-MCF GAS 866
06 CHOKE 64/64-FTP 160-INJ GAS 315
07 9-3-81 ACTIVITY: HRS 24-OIL 73-WTR 66-MCF GAS 374
08 CHOKE 64/64-FTP 160-INJ GAS 374
09 9-4-81 ACTIVITY: HRS 24-OIL 141-WTR 287-MCF GAS 865
10 CHOKE 64/64-FTP 160-INJ GAS 541
11 9-5-81 ACTIVITY: HRS 24-OIL 105-WTR 170-MCF GAS 832
12 CHOKE 64/64-FTP 160-INJ GAS 422
13 9-6-81 ACTIVITY: HRS 24-OIL 95-WTR 218-MCF GAS 899
14 CHOKE 64/64-FTP 160-INJ GAS 445
15 9-7-81 ACTIVITY: HRS 24-OIL 103-WTR 257-MCF GAS 866
16 CHOKE 64/64-FTP 160-INJ GAS 509

LABEL: FINAL REPORT
DAILY COST: FINAL REPORT
CUM COST: 158650
DATE: 9-8-81
ACTIVITY: 9-8-81 ACTIVITY: HRS 24-OIL 109-WTR 250-MCF GAS 905
02 CHOKE 64/64-FTP 160-INJ GAS 487

Shell Oil Company



P.O. Box 831
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS
FROM SHELL OIL COMPANY TO
SHELL WESTERN E&P INC.
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

G. M. Jobe

G. M. Jobe
Administrator, Regulatory-Permits
Rocky Mountain Division
Western E&P Operations

GMJ:beb

Enclosures

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

UTEX OIL CO.
% SHELL WESTERN E&P INC.PC BOX 576
HOUSTON TX 77001
ATTN: P.T. KENT, OIL ACCT.Operator name
change

Utah Account No. N0840

Report Period (Month/Year) 8 / 84

Amended Report ☐

Well Name	Entity	Location	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
API Number					Oil (BBL)		
X BABCOCK 1-1883	✓	✓	GR-WS	31	938	1139	9512
4301330219 01855 02S 03W 18							
X BROTHERSON 1-2684	✓	✓	WSTC	30	529	4902	1019
4301330336 01856 02S 04W 26							
X SHELL UTE 1-2185	✓	✓	WSTC	23	789	1024	4634
4301330262 01860 02S 05W 21							
X HANSON TRUST 1-29A3	✓	✓	GRRV	22	182	925	4424
4301330314 01861 01S 03W 29							
X BROTHERSON 1-2484	✓	✓	WSTC	31	848	2764	4876
4301330229 01865 02S 04W 24							
X UTE 1-1286	✓	✓	WSTC	31	179	20	210
4301330268 01866 02S 06W 12							
X TEW 1-185	✓	✓	GR-WS	28	3764	1874	5949
4301330264 01870 02S 05W 1							
X GOODRICH 1-1882	✓	✓	GR-WS	31	1165	1239	4027
4301330397 01871 02S 02W 18							
X MEAGHER EST 1-20B2E	✓	✓	WSTC	31	551	466	0
4304730186 01875 02S 02E 20							
X UTE 1-3481E	✓	✓	WSTC	3	10	8	0
4304730198 01880 02S 01E 34							
X WHITEHEAD 1-22A3	✓	✓	WSTC	24	1401	3176	956
4301330357 01885 01S 03W 22							
X UTE TRIBAL 1-26A3	✓	✓	WSTC	31	1999	1846	6209
4301330348 01890 01S 03W 26							
X UTE 1-06B2	✓	✓	WSTC	18	1701	3223	2572
4301330349 01895 02S 02W 6							
TOTAL					14056	22606	44388

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

9-28-84

Telephone

Authorized signature

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

BMIT IN TRIPLICATE
(Other instructions on
reverse side)

010010A

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR ANR Limited Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-0749	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any requirements. See also space 17 below.) At surface See attached list	8. FARM OR LEASE NAME Brotherson
	9. WELL NO. 1-26 B4
	10. FIELD AND POOL, OR WILDCAT
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26 T. 34 N.
14. PERMIT NO. 43-013-30336	15. ELEVATIONS (Show whether DF, RT, OR, etc.)
	12. COUNTY OR PARISH Hutchinson
	13. STATE

RECEIVED
DEC 31 1986

DIVISION OF
OIL, GAS & MINING

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other) - Change Operator

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

ANR Limited has been elected successor Operator to Utex Oil Company on the oil wells described on the attached Exhibit "A".

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Patented POW
2. NAME OF OPERATOR ANR Limited		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 082120
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, CO 80201-0749		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1272' FNL & 1408' FEL Section 26		8. FARM OR LEASE NAME Brotherson
16. PERMIT NO. 43-013-30336		9. WELL NO. 1-26B4
16. ELEVATIONS (Show whether SP, ST, OR, etc.) 6327' KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SUBST OR ASSA NW/4 NE/4 ^{Sec. 26} T2S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Perforated Wasatch 10,393'-10,514' w/3 SPF, total 75 holes (6/18/87).
2. Acidized perfs 10,393'-10,514' w/3000 gals 15% HCL w/additives and 110 ball sealers (6/23/87).

RECEIVED

AUG 14 1987

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Vince E. Guinn

TITLE

Sr. Production Engineer

DATE

8/11/87

(This space for Federal or State office use)

APPROVED BY

TITLE

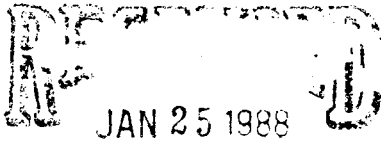
DATE

CONDITIONS OF APPROVAL, IF ANY:



ANR Production Company
a subsidiary of The Coastal Corporation

612712



DIVISION OF
OIL, GAS & MINING

January 19, 1988

Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

N0675 ←

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

Roger W. Sparks
Roger W. Sparks
Manager, Crude Revenue Accounting

*The computer shows the
ANR Limited wells listed
under account no. N0235.
DTS
1-26-88*

CC: AWS

CTE:mmw

Lisha,

*I don't see any problem w/this.
I gave a copy to Arlene so
she could check on the bond
situation. She didn't think this
would affect their bond as the
bond is set up for Coastal
and its subsidiaries (ANR, etc.)
No Entity Number changes are
necessary. DTS 1-26-88*



UTAH
NATURAL RESOURCE
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

Page 8 of 10

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ANR LIMITED INC./COASTAL
P O BOX 749
DENVER CO 80201 0749
ATTN: RANDY WAHL

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
BROTHERSON 1-26B4							
4301330336	01856	02S 04W 26	WSTC				
SHELL UTE 1-21B5							
4301330262	01860	02S 05W 21	WSTC				
HANSON TRUST 1-29A3							
4301330314	01861	01S 03W 29	WSTC				
BROTHERSON 1-24B4							
4301330229	01865	02S 04W 24	WSTC				
UTE 1-12B6							
4301330268	01866	02S 06W 12	WSTC				
TEW 1-1B5							
4301330264	01870	02S 05W 1	WSTC				
MEAGHER EST 1-20B2E							
4304730186	01875	02S 02E 20	WSTC				
WHITEHEAD 1-22A3							
4301330357	01885	01S 03W 22	WSTC				
UTE TRIBAL 1-26A3							
4301330348	01890	01S 03W 26	WSTC				
UTE 1-06B2							
4301330349	01895	02S 02W 6	WSTC				
ELLSWORTH 1-20B4							
4301330351	01900	02S 04W 20	WSTC				
LAWSON 1-28-A1							
4301330358	01901	01S 01W 28	WSTC				
ELLSWORTH #2-20B4							
4301331090	01902	02S 04W 20	WSTC				
TOTAL							

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to deepen or plug a well. Use "APPLICATION FOR PERMIT—" for such purposes.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented	
2. NAME OF OPERATOR ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1272' FNL & 1408' FEL Section 26		8. FARM OR LEASE NAME Brotherson	
14. PERMIT NO. 43-013-30336		9. WELL NO. 1-26B4	
15. ELEVATIONS (Show whether DF, ST, GR, etc.) 6327' KB		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLK. AND SUBST. OR AREA NW/4 NE/4 Sect. 26, T2S, R4W	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Rod Pump Conversion <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

We plan to convert the above referenced well from a gas lift to a rod pump to reduce lifting costs and increase production.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Assoc. Regulatory Analyst DATE 6-1-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE
(Obtain instructions on reverse side)

2

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug wells. Use "APPLICATION FOR PERMIT—" for such purposes.)

RECEIVED
JUN 15 1988

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1272' FNL & 1408' FEL Section 26		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO. 43-013-30336		9. WELL NO. 1-26B4
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6327' KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR S.E. AND SUBST. OR AREA NW/4 NE/4 Sect. 26, T2S, R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Rod Pump Conversion</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well converted from gas lift to rod pump 6-9-88.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
0-TAS	
2 - MICROFILM	✓
3 - FILE	✓

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Assoc. Regulatory Analyst DATE 6-13-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented	
2. NAME OF OPERATOR ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1272' FNL & 1408' FEL		8. FARM OR LEASE NAME Brotherson	
14. PERMIT NO. 43-013-30336		9. WELL NO. 1-26B4	
15. SITUATIONS (Show whether SP, DP, GP, etc.) 6327' KB		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Section 26, T2S-R4W	
		12. COUNTY OF FARM	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐WATER SHUT-OFF ☐REPAIRING WELL ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐FRACTURE TREATMENT ☐ALTERING CASING ☐SHOOT OR ACIDIZE ☒ABANDON* ☐SHOOTING OR ACIDIZING ☐ABANDONMENT* ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) ☐(Other) ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Proposed Procedure;

COPY

1. MIRU. POOH w/rod pump eqpt. and tbg.
2. Acidize perms from 10,514-12,649' (935 holes) w/28,000 gals 15% HCL and additives. Swab/flow back load.
3. RIH w/rod pump eqpt. and tbg. Return well to production.

18. I hereby certify that the foregoing is true and correct

SIGNED Eileen Danni DayTITLE Regulatory AnalystDATE August 23, 1988

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen wells back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 03 1988

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		3. LEASE DESIGNATION AND SERIAL NO. Patented	
2. NAME OF OPERATOR ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1272' FNL & 1408' FEL		8. FARM OR LEASE NAME Brotherson	
14. PERMIT NO. 43-013-30336		9. WELL NO. 1-26B4	
15. ELEVATIONS (Show whether OF, ST, OR, G.M.) 6327' KB		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Section 26, T2S-R4W	
		12. COUNTY OR PARISH Duchesne	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROMISED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Proposed Procedure:

1. MIRU. NU BOP. POOH w/rod pump eqpt. & tbq.
2. Attempt to mill out or push to bottom CIBP set @11,380'. POOH.
3. PU & RIH w/treating pkr & set @ + 10,280' KB. Acidize perfs from 10,514-12,467' w/28,000 gal 15% HCL + add.
4. Swab/flow back load.
5. POOH w/pkr. PU & RIH w/rod pump eqpt. & tbq. Return well to production.

18. I hereby certify that the foregoing is true and correct

SIGNED

Eileen Danni Dey

TITLE

Regulatory Analyst

DATE

September 29, 1988

(This space for Federal or State office use)

APPROVED BY

TITLE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

10-12-88

John R. Dey

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR ANR Production Company		6. IF INDIAN, ALLOTED OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1272' FNL & 1408' FEL		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO. 43-013-30336		9. WELL NO. 1-26B4
15. ELEVATIONS (Show whether SV, ST, OR, OR, OR.) 6327' KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., N., OR S.E., AND SURVEY OR AREA Section 26, T2S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

September 26 to October 9, 1988;

1. MIRU. POOH w/rod pump eqpt. & tbg. NU BOPE.
2. Drilled up CIBP @ 11380'. CO 5" csg to 11530'. Tagged @ 11530'. Drilled thru to 12425'. POOH w/tbg & CO tools. (Rec'd slip die & CIBP.)
- 3. RIH w/treating pkr & set @ 11374'. Acidized 11374-12425' w/ 14,000 gal 15% HCL + add.
4. RIH w/RBP set @ 11378'. Set pkr @ 10302' & acidized 10302-11378' w/14,000 gal 15% HCL + add. RIH w/ret. head & POOH w/RBP.
5. RIH w/rod pump eqpt. & tbg. Return well to production.

18. I hereby certify that the foregoing is true and correct

SIGNED Eileen Danni Dey

TITLE Regulatory Analyst

DATE October 17, 1988

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

COMMENTS OF APPROVAL, IF ANY:



State of Utah

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

December 12, 1988

Ms. Eileen Dey
ANR Production Company
P.O. Box 749
Denver, Colorado 80201-0749

Dear Ms. Dey:

RE: Approvals for Conversion of Artificial Lift Equipment

Based on our recent telephone conversation, I reviewed our records for the eight wells listed on the attached table. During June and July of this year, the Division of Oil, Gas and Mining received both preliminary and subsequent sundry notices which indicated that the eight wells were converted from gas lift to rod pump. The sundry notices were recorded and filed but the Division took no action to approve or acknowledge receipt of the documents. This letter will attempt to better explain the procedures regarding submittal and approval of sundry notices.

The types of operations for which the Division requires a notice of intent include any workover or other downhole operation on a well which affects the producing zone of the well. Such activities include recompletions, plug backs, plug and abandonment, perforation and reperforation, acid stimulation, fracture stimulation, etc. The sundry notice form (DOGM form 5) should be used for submitting a notice of intent to the Division. In all cases where notice of intent is required, approval must be obtained either verbally or in writing prior to commencing such operations. After the operation has been performed, the operator should submit a subsequent notice using the sundry notice form which provides the details of the work performed and any modifications to a previously stated plan of operations.

Sundry notice forms should also be utilized for requests for approval or notification to the Division of gas venting or flaring, testing activities, leaks or spills, undesirable events, or other conservation related operation. Approval of such activities may be required contingent upon whether advance knowledge of the operation was available and whether the activity was an emergency necessitated by prudent operations. For example, gas venting or flaring normally requires prior approval; however, in cases of emergencies, reasonable amounts of gas may be vented or flared without approval as long as the Division is timely notified and the operator acts to control the emergency condition.

Page 2
Ms. Eileen Dey
December 12, 1988

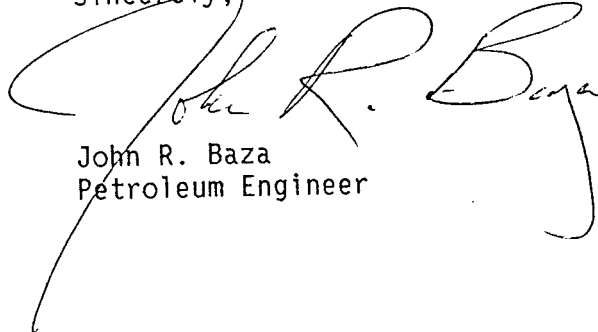
The Division does not normally require prior notice of intent and approval of other surface operations or routine maintenance activities unless such notice has been required under a condition of approval, by a formal request for action by the Division, or by order of the Board of Oil, Gas and Mining. However, if an operation causes a substantial change in production or disposition of product from a well, it would be helpful to receive a short explanation from the operator. In such circumstances, subsequent notice of well activities is adequate and sufficient. The Division will not normally respond to subsequent notification of work performed, and such documents will simply be recorded and filed in Division records.

Another situation in which sundry notice forms may be used is notification of change of operator on a well. Again, this is not a circumstance that the Division must approve; however, the Division must receive prompt notification of operator changes from both the previous operator and the new operator of any well in the state. The Division will record any operator changes upon receipt of notification from both parties, and no other response or action will be taken by the Division.

In the case of the eight wells on the attached list, it is not necessary to provide notice of intent or obtain approval from the Division for conversion of the artificial lift equipment as long as no other associated downhole work is involved. For this reason, the Division did not respond to your submitted sundry notices. Any documents of this type which you might submit in the future will normally be recorded and filed as information items.

I hope this clarifies the procedures for sundry notice submittal and approval. If you have any other questions or concerns, please do not hesitate to contact me.

Sincerely,

A large, stylized handwritten signature in black ink, appearing to read 'John R. Baza'.

John R. Baza
Petroleum Engineer

Attachment
cc: D. R. Nielson
R. J. Firth
Well files
OI2/22-23

ANR PRODUCTION COMPANY

<u>Well Name & Number</u>	<u>API Number</u>	<u>Section, Township & Range</u>
Hanson 1-32A3	43-013-30141	32, 1 South, 3 West
Jenkins 1-1B3	43-013-30175	1, 2 South, 3 West
Hansen Trust 1-5B3	43-013-30109	5, 2 South, 3 West
Hanson 1-9B3	43-013-30144	9, 2 South, 3 West
Evans 1-19B3	43-013-30265	19, 2 South, 3 West
Brotherson 1-10B4	43-013-30110	10, 2 South, 4 West
Brotherson 1-26B4	43-013-30336	26, 2 South, 4 West
Potter 1-14B5	43-013-30127	14, 2 South, 5 West

OI2/24

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug-back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented	
2. NAME OF OPERATOR ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1272' FNL & 1408' FEL		8. FARM OR LEASE NAME Brotherson	
14. PERMIT NO. 43-013-30336		9. WELL NO. 1-26B4	
15. ELEVATIONS (Show whether DF, CF, CG, etc.) 6327' KB		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 26, T2S-R4W	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9/26/88-10/10/88:

1. MIRU. Kill well, NU BOPE. POOH w/rod pump eqpt. & tbg.
2. RIH w/4-1/8" W.O. shoe & CO tools on 2-3/8" x 2-7/8" tbg. Tag @ 11,363'. Drill up CIBP @11,380'. CO 5" csg to 11,530'. Tag @ 11,530'. Drill thru to 12,425'. POOH w/2-3/8" tbg & CO tools. (Recovered slip die & CIBP.)
3. RIH w/5" treating pkr. Set pkr @ 11,374'. Acidize perfs (11,374-12,467') w/14,000 gal 15% HCL + additives. ATP 4700#, AIR 8 BPM, ISIP 120#. Release pkr. POOH w/tbg.
4. RIH w/5" treating pkr & RBP. Set RBP @ 11,378'. Set pkr @ 10,302'. Acidize perfs (10,514-11,378') w/14,000 gal 15% HCL + additives. ATP 6600#, AIR 10.5 BPM, ISIP 1300#.
5. Swab back load. Release pkr.
6. RIH w/rod pump eqpt. & tbg. Return well to production.

18. I hereby certify that the foregoing is true and correct

SIGNED Eileen Danni DeyTITLE Regulatory AnalystDATE December 29, 1988

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____	5. Lease Designation and Serial Number: Patented
2. Name of Operator: ANR Production Company	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476	7. Unit Agreement Name: N/A
4. Location of Well Footages: 1272' FNL & 1408' FEL QQ, Sec., T., R., M.: Section 26-T2S-R4W	8. Well Name and Number: Brotherson #1-26B4
	9. API Well Number: 43-013-30336
	10. Field and Pool, or Wildcat: Altamont
	County: Duchesne State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit In Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input checked="" type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>CO</u> | |

Approximate date work will start Upon ApprovalSUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached workover procedure for work to be performed in the subject well.

RECEIVED

JAN 1995

13.	
Name & Signature: <u>N.O. Shiflett</u>	Title: <u>District Drilling Manager</u> Date: <u>01/18/95</u>
(This space for State use only)	

1/20/95
[Signature]

WORKOVER PROCEDURE

BROTHERSON #1-26B4

SECTION 26 - T2S - R4W

ALTAMONT FIELD

DUCHESNE COUNTY, UTAH

December 12, 1994

WELL DATA

LOCATION: 1272' FNL & 1408' FEL
ELEVATION: 6326' GL; 6928' KB
TOTAL DEPTH: 12,606'
PBTD: 11,380'
CASING: 13 3/8", 68#, K55, set @ 316'
9 5/8", 36#, K-55 set @ 5123'
7", 26#, N-80 & S-95 set @ 10,410' w/318 sx
5", 18#, N-80 & SOO-95 set @ 10,210' - 12,604'
TUBING: 2 7/8" 6.5# N-80

TUBULAR DATA

Description	ID	Drift	Capacity BBL/FT	Burst Psi	Collapse Psi
7", 26#, S-95	6.276"	6.151"	0.0382	8600	7800
7", 26#, N-80	6.276"	6.151"	0.0382	7240	5410
5", 18#, N-80	4.276"	4.151"	0.0177	10,140	10,490
2 7/8", 6.5#, N-80	2.441"	2.347"	0.00579	10,570	11,160
2 7/8", 8.7#, P110	2.26"	2.165"	0.00496	20,560	21,040

CURRENT PRODUCTION

20 BOPD, 50 MCFPD, 130 BWPD

PROCEDURE

- 1) MIRU service rig. NDWH & NU BOPE. POOH w/production equipment.
- 2) PU & RIH w/4 1/8" mill and CO tools on 2 7/8", 6.5# N-80 tbg. CO 5" csg to 12,425'. POOH & stand back tbg.
- 3) TIH w/5" Arrow set I pkr w/ on/off tool on 2 7/8", 8.7#, P110 tbg. Set pkr at +/- 11,375' (between perforations @ 11,357' & 11,390'). Attempt to fill annulus.
- 4) Acidize perfs, 11,390' - 12,425' w/ 14,000 gals 15% HCl per attached schedule.
- 5) If well tries to flow, then flow back acid load before killing well. Unseat pkr and pull up to +/- 10,300' & set pkr. If well does not flow unseat pkr and reset @ +/- 10,300'.
- 6) Pressure up on back side to 2000 psi.
- 7) Acidize perfs 10,401' - 11,357' w/14,000 gals 15% HCl per attached schedule.
- 8) Flow/swab back acid load. POOH & LD pkr.

- 9) Contact Denver office for decision to run PRISM log.
- 10) PU & RIH w/artificial lift equipment. Return on line.

NOTE: If it is necessary to kill well, do so with filtered 3% KCl water.

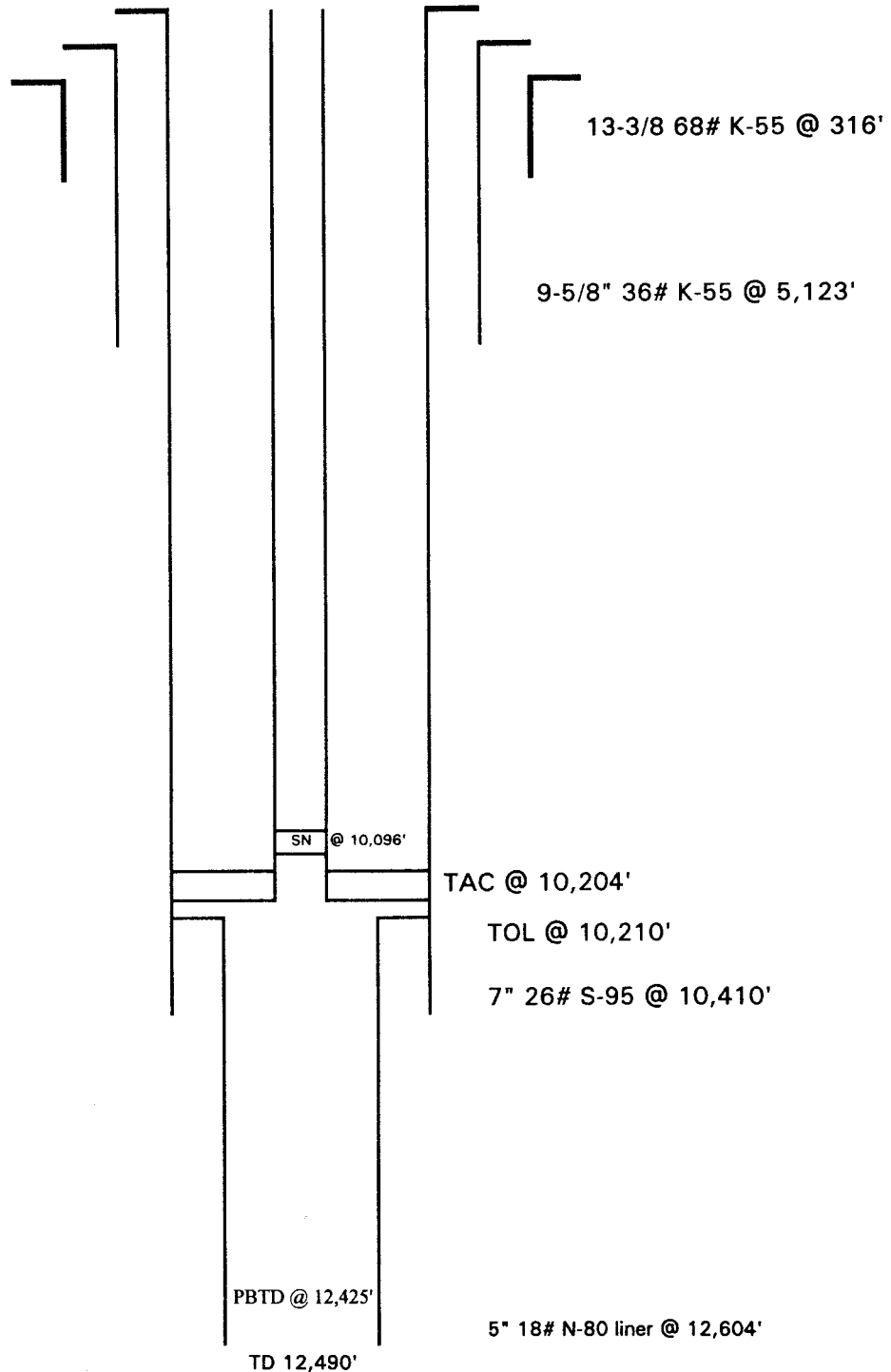
DAP:AJA

DAP

Brotherson 1-26B4
Altamont Field
Duchesne Co., UT

Current Wellbore Schematic

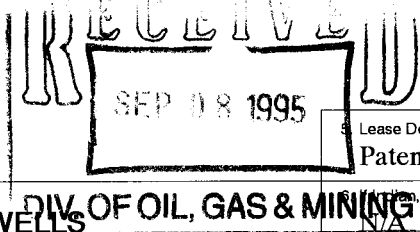
KB: 6,928'
GL: 6,326'



Perfs 10,514 - 12,425'
860 total perfs

12/19/94 DAP

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



Lease Designation and Serial Number:

Patented

Allottee or Tribe Name:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

N/A

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

8. Well Name and Number:

Brotherson #1-26B4

2. Name of Operator:

ANR Production Company

9. API Well Number:

43-013-30336

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

10. Field and Pool, or Wildcat:

Altamont

4. Location of Well

Footages: 1272' FNL & 1408' FEL

County: Duchesne

QQ, Sec., T., R., M.: Section 26-T2S-R4W

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input checked="" type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other CO | |

✓ Date of work completion 2/27/95

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed on the subject well.

13.

Name & Signature:

Sheila Bremer

Sheila Bremer

Title: Environmental & Safety Analyst

Date: 09/06/95

(This space for State use only)

tax credit
10/3/95,

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

PAGE 1

BROTHERSON #1-26B4 (CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 90.000% ANR AFE: 00539
TD: 12,606' PBD: 12,425'
5" @ 10,210'-12,604'
PERFS: 10,401'-12,425'
CWC(M\$): 117.4

- 2/3/95 Release 7" TAC.
MIRU General Well #102. Unseated pump. POOH w/120 - 1", 126 - 7/8",
186 - 3/4" rods w/pump. CC: \$3,155
- 2/4-5/95 SD for weekend.
- 2/6/95 PU 5" CO tool.
Tried to remove hanger - could not. RU jars. Pull 40,000# over
string wt. set off jars. Hanger came free. PU 20', TAC was not set.
NU BOP. POOH w/319 jts 2 1/2" 8rd tbg. LD BHA. (Note: The 1st 20 jts
of 2 1/2" had 20,000# drag over string wt.) CC: \$6,689
- 2/7/95 CO 5" liner.
PU 4 1/2" mill & 5" CO tools. RIH w/298 jts 2 1/2" N-80 8rd tbg. tagged LT
@ 10,210'. CC: \$11,739
- 2/8/95 PU 2 1/2" P-110 tbg & 5" pkr.
RIH w/72 jts 2 1/2" 8rd prod tbg & CO tools. CO 2' fill to PBD @
12,425'. Did not feel anything thru perfs. POOH w/2 1/2", bailer & 4 1/2"
mill. (Note: Last jt was full of old drlg mud & scale.) CC: \$19,789
- 2/9/95 Prep to acidize.
PU 5" HD pkr on 314 jts P-110 2 1/2" 8.7# tbg to 10,195'. CC: \$26,414
- 2/10/95 Prep to acidize.
- 2/11/95 Swab well.
Set 5" pkr @ 11,371'. RU Dowell. Attempt to fill csg w/325 bbls -
would not fill. Acidize perfs @ 11,390'-12,425' w/14,000 gal 15% HCl
+ additives, BAF, rock salt, 700 - 1.1 BS's & RA-tag. MTR 20.5 BPM,
ATR 16.5 BPM, MTP 8750#, ATP 8400#. Fair diversion, 672 BLTR. ISIP
640#. LD 34 jts 2 1/2", set 5" HD pkr @ 10,301'. Fill csg w/174 bbls -
held 1500#. Acidize perfs @ 10,401'-11,357' w/14,000 gal 15% HCl +
additives, BAF, rock salt, 700 - 1.1 BS's & RA-tag. MTR 21 BPM, ATR
21 BPM, MTP 8800#, ATP 8500#. Good diversion, 693 BLTR. ISIP 1700#.
10 min SIP 0#. RU swab. Made 7 swab runs, rec 90.1 bbls, all wtr,
tr oil, FFL 5500', pH 2.5. Flush tbg. CC: \$85,467
- 2/12/95 LD 2 1/2".
12-hr SITP 650#. Made 13 swab runs. Swabbed back 15 BO, 144 BLW. pH
5.5-6, oil cut 20%. Rls 5" HD pkr. LD 10 jts 2 1/2" P-110 8.7# tbg.
CC: \$89,592
- 2/13/95 Prep to run Atlas Prism Log.
LD 70 jts 2 1/2" P-110 workstring. CC: \$92,865
- 2/14/95 LD 2 1/2", prep to run prod tbg.
RU Atlas WL. Ran Prism Log on perfs @ 12,425'-10,401'. RD Atlas WL.
LD 200 jts of 2 1/2" 8.7# P-110 tbg to 1081'. CC: \$101,169
- 2/15/95 Hydrotesting 2 1/2", prep to run rods.
LD 40 jts 2 1/2" 8.7# P-110 tbg. PU BHA, 7" TAC, 4' 2 1/2" sub, 2 1/2" perf
jt, 2 1/2" solid plug, 1-jt 2 1/2", 4 1/2" PBGA, 6' sub & SN. Hydrotest to
8000# w/298 jts 2 1/2" 8rd N-80 tbg. Chain broke on rig - SD to repair
chain. CC: \$106,694

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

PAGE 2

BROTHERSON #1-26B4 (CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 90.000% ANR AFE: 00539

2/16/95 Well on pump.
RIH w/38 jts 2½" N-80 tbg. ND BOP, set 7" TAC @ 10,205' w/19,000#
tension, SN @ 10,097'. NU WH. RIH w/1½" pump, 2 - 1". 141 - ¾", 121
- ¾", 136 - 1" rods. Hung off rods. RD General Well Service.
Placed on pump. CC: \$113,033

2/16/95 Pmpd 19 BO, 138 BW, 15 MCF, 8.6 SPM, 13 hrs.

2/17/95 Pmpd 73 BO, 224 BW, 93 MCF, 9.2 SPM. CC: \$120,786

2/18/95 Pmpd 27 BO, 189 BW, 104 MCF, 9.2 SPM.

2/19/95 Pmpd 25 BO, 228 BW, 134 MCF, 9.2 SPM.

2/20/95 Pmpd 23 BO, 255 BW, 84 MCF, 8.5 SPM. Will run dyno today.

2/21/95 Pmpd 35 BO, 228 BW, 81 MCF, 8.5 SPM. Ran dyno - FL @ 7400'. Will
increase SPM.

2/22/95 Pmpd 36 BO, 271 BW, 103 MCF, 9.3 SPM.

2/23/95 Pmpd 30 BO, 242 BW, 114 MCF, 10 SPM.

2/24/95 Pmpd 29 BO, 261 BW, 91 MCF.

2/25/95 Pmpd 32 BO, 256 BW, 96 MCF.

2/26/95 Pmpd 29 BO, 269 BW, 101 MCF, 10 SPM. Ran dyno - FL @ 6394'.

2/27/95 Pmpd 31 BO, 275 BW, 106 MCF, 10 SPM.

Prior prod: 20 BO, 130 BW, 50 MCF. Final report.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: See Attached
2. Name of Operator: Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name: See Attached
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	7. Unit Agreement Name: See Attached
4. Location of Well Footages: See Attached QQ, Sec., T., R., M.: See Attached	8. Well Name and Number: See Attached 9. API Well Number: See Attached 10. Field and Pool, or Wildcat: See Attached
County: See Attached State: Utah	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Change of Operator | |

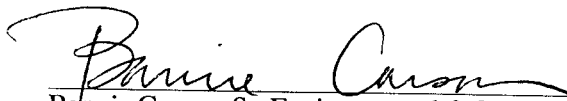
Date of work completion _____

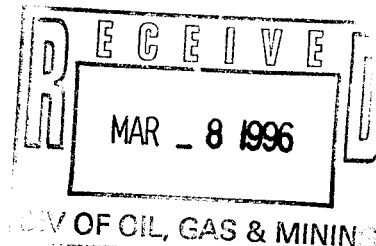
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

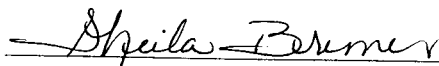
Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.


 Bonnie Carson, Sr. Environmental & Safety Analyst
 ANR Production Company



13.

Name & Signature:



Sheila Bremer
 Environmental & Safety Analyst

Title: Coastal Oil & Gas Corporation

Date: 03/07/96

(This space for State use only)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL		Field	County
					Footages	Section, Township & Range		
Evans Ute 2-17B3	43-013-31056	Fee 5326	Ute	96104	1701' FSL & 1474' FWL	NWSW, 17-2S-3W	Altamont	Duchesne
Miles 1-35A4	43-013-30029	Fee 1965	N/A	9618	1980' FNL & 1980' FEL	SWNE, 35-1S-4W	Altamont	Duchesne
Miles 2-35A4	43-013-31087	Fee 1966	N/A	9618	802' FWL & 1530' FSL	NWSW, 35-1S-4W	Altamont	Duchesne
Brotherson 2-11B4	43-013-31078	Fee 541	N/A	9623	944' FSL & 1643' FWL	SESW, 11-2S-4W	Altamont	Duchesne
Brotherson 1-2B4	43-013-30062	Fee 1570	N/A	9635	1478' FNL & 1459' FEL	SWNE, 2-2S-4W	Altamont	Duchesne
Brotherson 2-2B4	43-013-30855	Fee 8420	N/A	9635	1371' FSL & 1498' FWL	NESW, 2-2S-4W	Altamont	Duchesne
Broadhead 1-21B6	43-013-30100	Patented 1595	N/A	9639	540' FNL & 2610' FEL	NWNE, 21-2S-6W	Altamont	Duchesne
Ute Brotherson 2-34A4	43-013-30978	Fee 10070	N/A	9640	663' FWL & 1626' FSL	NWSW, 34-1S-4W	Altamont	Duchesne
Rust 2-36A4	43-013-31092	Fee 1577	N/A	9642	1516' FWL & 1955' FSL	NESW, 36-1S-4W	Altamont	Duchesne
Babcock 1-12B4	43-013-30104	Patented 1630	Ute	9643	2248' FNL & 1000' FEL	SENE, 12-2S-4W	Altamont	Duchesne
Babcock 2-12B4	43-013-31005	Fee 10215	N/A	9643	502' FWL & 503' FSL	SWSW, 12-2S-4W	Altamont	Duchesne
Ellsworth 1-9B4	43-013-30118	Patented 1660	N/A	9645	1444' FNL & 700' FEL	SENE, 9-2S-4W	Altamont	Duchesne
Ellsworth 2-9B4	43-013-31138	Fee 10460	N/A	9645	2976' FNL & 2543' FWL	NESW, 9-2S-4W	Altamont	Duchesne
Burton 2-15B5	43-013-31044	Fee 10210	N/A	9646	718' FWL & 1604' FSL	NWSW, 15-2S-5W	Altamont	Duchesne
Tew 2-10B5	43-013-31125	Fee 1756	N/A	9654	851' FWL & 729' FSL	SWSW, 10-2S-5W	Altamont	Duchesne
Goodrich 1-2B3	43-013-30182	Patented 1765	N/A	9655	2347' FSL & 1514' FEL	NWSE, 2-2S-3W	Bluebell	Duchesne
Goodrich 2-2B3	43-013-31246	Fee 11037	N/A	9655	678' FNL & 2235' FWL	NENW, 2-2S-3W	Bluebell	Duchesne
Robb 2-29B5	43-013-31130	Fee 10454	N/A	9656	2214' FWL & 1037' FSL	SESW, 29-2S-5W	Altamont	Duchesne
Ellsworth 1-16B4	43-013-30192	Patented 1735	Ute	9659	1301' FNL & 1101' FEL	NENE, 16-2S-4W	Altamont	Duchesne
Ellsworth 2-16B4	43-013-31046	Fee 10217	N/A	9659	1075' FWL & 1439' FSL	NWSW, 16-2S-4W	Altamont	Duchesne
Lake Fork 2-13B4	43-013-31134	Fee 10452	N/A	9660	963' FWL & 819' FSL	SWSW, 13-2S-4W	Altamont	Duchesne
Jessen 2-21A4	43-013-31256	Fee 11061	N/A	9661	702' FSL & 2182' FWL	SESW, 21-1S-4W	Altamont	Duchesne
Jenkins 1-1B3	43-013-30175	Patented 1790	N/A	9670	1807' FNL & 1888' FWL	SENE, 1-2S-3W	Bluebell	Duchesne
Jenkins 2-1B3	43-013-31117	Fee 1792	N/A	9670	803' FWL & 662' FSL	SWSW, 1-2S-3W	Bluebell	Duchesne
Birch 3-27B5	43-013-31126	Fee 1783	N/A	9671	979' FWL & 1151' FSL	SWSW, 27-2S-5W	Altamont	Duchesne
Lazy K 2-11B3	43-013-31352	Fee 11362	N/A	9672	503' FNL & 2017' FEL	NWNE, 11-2S-3W	Bluebell	Duchesne
Rudy 1-11B3	43-013-30204	Patented 1820	N/A	9672	2111' FSL & 2483' FEL	NWSE, 11-2S-3W	Bluebell	Duchesne
Brotherson 1-24B4	43-013-30229	Fee 1865	N/A	9674	1445' FNL & 1894' FEL	SWNE, 24-2S-4W	Altamont	Duchesne
Brotherson 3-23B4	43-013-31289	Fee 11141	N/A	9674	1177' FSL & 1112' FWL	SWSW, 23-2S-4W	Altamont	Duchesne
Evans 1-19B3	43-013-30265	Fee 1776	N/A	9678	1256' FNL & 893' FEL	NENE, 19-2S-3W	Altamont	Duchesne
Jenkins 2-12B3	43-013-31121	Fee 10459	N/A	9679	1623' FNL & 1047' FEL	SENE, 12-2S-3W	Bluebell	Duchesne
Bleazard 2-28B4	43-013-31304	Fee 11433	N/A	9681	1580' FSL & 2335' FWL	NESW, 28-2S-4W	Altamont	Duchesne
Lamicq 2-5B2	43-013-30784	Fee 2302	N/A	9683	1963' FWL & 803' FSL	SESW, 5-2S-2W	Bluebell	Duchesne
C.R. Aimes 1-23A4	43-013-30375	Fee 5675	Ute	9C133	704' FEL & 1515' FNL	SENE, 23-1S-4W	Altamont	Duchesne
Chandler 1-5B4	43-013-30140	Patented 1685	Ute	NW580	2120' FNL & 1553' FEL	SWNE, 5-2S-4W	Altamont	Duchesne
Chandler 2-5B4	43-013-31000	Fee 10075	Ute	NW580	466' FSL & 1180' FWL	SWSW, 5-2S-4W	Altamont	Duchesne
Monsen 2-27A3	43-013-31104	Fee 1746	N/A	NW581	1801' FWL & 2008' FSL	NESW, 27-1S-3W	Altamont	Duchesne
Monsen 3-27A3	43-013-31401	Fee 11686	N/A	NW581	850' FNL & 1520' FWL	NENW, 27-1S-3W	Altamont	Duchesne
Ute Smith 1-30B5	43-013-30521	Fee 1950	Ute	UT080I4987C696	1890' FSL & 624' FEL	NESE, 30-2S-5W	Altamont	Duchesne
Bleazard 1-18B4	43-013-30059	Patented 1565	N/A	N/A	1923' FNL & 2314' FEL	SWNE, 18-2S-4W	Altamont	Duchesne
Bleazard 2-18B4	43-013-31025	Fee 1566	N/A	N/A	857' FWL & 861' FSL	SWSW, 18-2S-4W	Altamont	Duchesne
Bodero 1-15B3	43-013-30565	Fee 2360	N/A	N/A	1370' FNL & 1679' FWL	SENE, 15-2S-3W	Altamont	Duchesne
Broadhead 2-32B5	43-013-31036	Fee 10216	N/A	N/A	1686' FWL & 1116' FSL	SESW, 32-2S-5W	Altamont	Duchesne
Brotherson 1-10B4	43-013-30110	Patented 1614	N/A	N/A	2037' FNL & 2052' FEL	SWNE, 10-2S-4W	Altamont	Duchesne
Brotherson 1-14B4	43-013-30051	Patented 1535	N/A	N/A	2100' FNL & 750' FEL	SENE, 14-2S-4W	Altamont	Duchesne
Brotherson 1-22B4	43-013-30227	Fee 1780	N/A	N/A	1642' FNL & 1297' FEL	SENE, 22-2S-4W	Altamont	Duchesne
Brotherson 1-23B4R	43-013-30483	Patented 8423	N/A	N/A	747' FNL & 2380' FEL	NWNE, 23-2S-4W	Altamont	Duchesne
Brotherson 1-26B4	43-013-30336	Patented 1856	N/A	N/A	1272' FNL & 1408' FEL	NWNE, 26-2S-4W	Altamont	Duchesne
Brotherson 1-28A4	43-013-30292	Patented 1841	N/A	N/A	751' FNL & 1130' FEL	NENE, 28-1S-4W	Altamont	Duchesne

Fennell

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: Patented
2. Name of Operator: Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749	7. Unit Agreement Name: N/A
4. Location of Well Footages: 1272' FNL & 1408' FEL QQ, Sec., T., R., M.: Section 26-T2S-R4W	8. Well Name and Number: Brotherson #1-26B4 9. API Well Number: 43-013-30336 10. Field and Pool, or Wildcat: Altamont
County: Duchesne State: Utah	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Lower Seat Nipple</u> | |

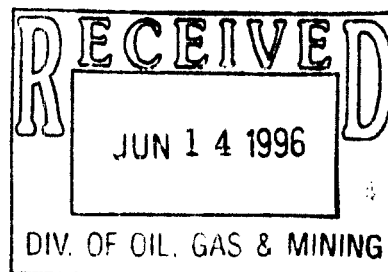
Date of work completion 5/10/96

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed to lower seat nipple to enhance production on the subject well.



13.

Name & Signature: _____

Sheila Bremer

Title: Environmental & Safety Analyst Date: 06/11/96

(This space for State use only)

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

BROTHERSON #1-26B4 (LWR SN)
 ALTAMONT FIELD
 DUCHESNE COUNTY, UT
 WI: 90.000% ANR AFE:
 TD: 12,606' PBTD: 12,425'
 5" @ 10,210'-12,604'
 PERFS: 10,401'-12,425'
 CWC(M\$):

- 5/8/96 **POOH w/2 $\frac{7}{8}$ " tbg.**
 MIRU rig. Hot oiler bled off, pumped 170 bbls prod water down csg. Remove horses head, flush rods w/60 bbls prod water. Press test to 500#, POOH w/rods, 1 $\frac{3}{4}$ " pump. LD walk beam. Change equip to 2 $\frac{7}{8}$ ". Rel anchor. Install BOPs, rig up floor. POOH w/140 jts 2 $\frac{7}{8}$ ". CC: \$3101.
- 5/9/96 **Set anchor.**
 POOH w/179 jst 2 $\frac{7}{8}$ ". LD BHA. Change of plans - need 2 $\frac{3}{8}$ " tbg for BHA and inside 5" liner. Wait on tbg. RIH w/M. States 5" A/C, 4' 2 $\frac{3}{8}$ " sub, 2 $\frac{3}{8}$ " perf jts, 2 $\frac{3}{8}$ " plug, 1 jt 2 $\frac{3}{8}$ ", 3 $\frac{1}{2}$ " PBGA, 4' 2 $\frac{3}{8}$ " sub, 2 $\frac{3}{8}$ " SN. PU 70 jts 2 $\frac{3}{8}$ 8rd, RIH w/319 jts 2 $\frac{7}{8}$ ". PU 1 jt, tag @ 12,410'. PU, land tbg, EOT @ 12,363'. RD floor BOPs. CC: \$5414.
- 5/10/96 **Well on production.**
 Bleed off well. Set 5" anchor cater @ 12,369' w/20,000# tension. SN @ 12,261'. Change equip to rods. Flush tbg w/70 bbls prod water. RIH w/Axelson 2"x1 $\frac{1}{4}$ "x28' RHBC 258" stroke. PU 84- $\frac{3}{4}$ ", RIH w/137- $\frac{3}{4}$ ", total 221- $\frac{3}{4}$ ", 129- $\frac{7}{8}$ " (PU 8- $\frac{7}{8}$ "), 136-1". Space out, add subs, polish rod, fill tbg w/50 bbls prod water. Press test to 500#, stoke w/rig - good. Install horsehead, strokes okay. RD rig, steam off WH. Clean location, leave well pumping. CC: \$26,667.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: 6H

1	LEC 7-53
2	DTS 8-FILE
3	VLD
4	RJT
5	EC
6	FILM

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

TO (new operator) COASTAL OIL & GAS CORP
 (address) PO BOX 749
DENVER CO 80201-0749
 phone (303) 572-1121
 account no. N 0230 (B)

FROM (former operator) ANR PRODUCTION CO INC
 (address) PO BOX 749
DENVER CO 80201-0749
 phone (303) 572-1121
 account no. N0675

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-30336</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 3-8-96)
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 3-8-96)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-11-96) (4-3-96/Indian) (4-15-96/Fee C.A.'s) (8-20-96/Indian C.A.'s)
- Lee 6. Cardex file has been updated for each well listed above.
- Lee 7. Well file labels have been updated for each well listed above.
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-11-96)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety No. U605382-1 (\$80,000) United Pacific Ins. Co.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. ** Upon Compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date March 11, 1996. If yes, division response was made by letter dated _____ 19____. *(Same Bond as Coastal)*

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/60311 This change involves Fee lease / non C.A. wells ~~only~~ State lease wells.

C.A. & Indian lease wells will be handled on separate change.

9/60412 BLM / SL Appr. C.A.'s 4-11-96.

9/60820 BIA Appr. CA's 8-16-96.

9/60329 BIA Appr. Indian Lease wells 3-26-96.

WE71/34-35

* 9/61107 Lemicy 2-582/43-013-30784 under review at this time; no dg. yet!

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 368 South 1200 East CITY Vernal STATE Utah ZIP 84078		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		8. WELL NAME and NUMBER: Exhibit "A"
PHONE NUMBER: 435-789-4433		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

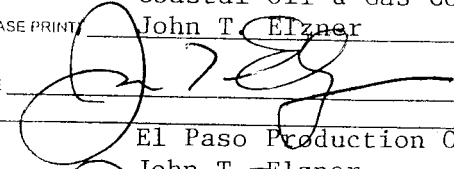
As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

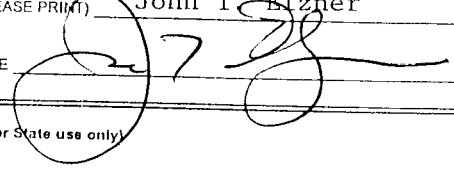
Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE  DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE  DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 15 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 14 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

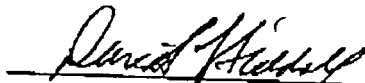
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:



Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	✓	5-LP
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
BROTHERSON 1-22B4	43-013-30227	1780	22-02S-04W	FEE	OW	P
BROTHERSON 2-22B4	43-013-31086	1782	22-02S-04W	FEE	OW	P
BROTHERSON 1-23B4R	43-013-30483	8423	23-02S-04W	FEE	OW	P
BROTHERSON 3-23B4	43-013-31289	11141	23-02S-04W	FEE	OW	P
BROTHERSON 1-24B4	43-013-30229	1865	24-02S-04W	FEE	OW	P
BROTHERSON 1-25B4	43-013-30668	9126	25-02S-04W	FEE	OW	P
BROTHERSON 1-26B4	43-013-30336	1856	26-02S-04W	FEE	OW	P
BROTHERSON 1-27B4	43-013-30185	4735	27-02S-04W	FEE	OW	P
BLEAZARD 2-28B4 (CA 96-81)	43-013-31304	11433	28-02S-04W	FEE	OW	P
YOUNG ETAL 1-29B4	43-013-30246	1791	29-02S-04W	FEE	OW	P
WEIKART 2-29B4	43-013-31298	11332	29-02S-04W	FEE	OW	P
LAWRENCE 1-30B4	43-013-30220	1845	30-02S-04W	FEE	OW	P
YOUNG 2-30B4	43-013-31366	11453	30-02S-04W	FEE	OW	P
CHRISTMAN BLANN 1-31	43-013-30198	4745	31-02S-04W	FEE	OW	P
GRIFFITHS 1-33B4 (CA 96-119)	43-013-30288	4760	33-02S-04W	FEE	OW	P
BELCHER 2-33B4 (CA 96-119)	43-013-30907	9865	33-02S-04W	FEE	OW	P
TEW 1-1B5	43-013-30264	1870	01-02S-05W	FEE	OW	P
MILES 2-1B5	43-013-31257	11062	02-02S-05W	FEE	OW	P
POTTER 1-2B5	43-013-30293	1826	02-02S-05W	FEE	OW	P
BROTHERSON 2-2B5	43-013-31302	11342	02-02S-05W	FEE	OW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 07/05/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/05/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 07/05/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 8.15.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: EL PASO PRODUCTION O&G COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO NE CITY ALBUQUERQUE STATE NM ZIP 87113		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 344-9380		8. WELL NAME and NUMBER: BROTHERSON 1-26B4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1272' FNL, 1408' FEL COUNTY: DUCHESNE QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 26 T2S R4W STATE: UTAH		9. API NUMBER: 4301330336
		10. FIELD AND POOL, OR WILDCAT: ALTAMONT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 8/18/2004	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR PROPOSES TO ABANDON THE CURRENT WASATCH INTERVAL W/ A CIBP, FOR THE REFERENCED WELL, AND PERFORATE AND ACIDIZE THE L. GREEN RIVER 8,764' - 10, 276'.

PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

NAME (PLEASE PRINT) CHERYL CAMERON TITLE C. REGULATORY ANALYST
SIGNATURE *Cheryl Cameron* DATE 8/10/2004

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 8/20/04 (See Instructions on Reverse Side)
BY: *[Signature]*

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AUG 17 2004

DIV. OF OIL, GAS & MINING

Recompletion Procedure
Brotherson 1-26B4
Altamont Field
Duchesne County, Utah
AFE # Pending
WI=90.00%, AFE Amt: \$220,000

Company Personnel

Title	Name	Office	Mobile	Pager	Home
Production Director	Joe Schimelpfening	(832) 676-3430	(713) 817-8268	(800) 935-0533	(281) 913-4791
Cased Hole Manager	John Joyce	(832) 676-2598	(903) 530-4630	(800) 887-9389	(903) 561-8523
Production Engineer	Carlos Saucedo	(832) 676-5272	(713) 816-4917		(281) 347-9058
Cased Hole Supervisor	Gary Lamb	(435) 454-4224	(435) 823-1443		(435) 454-3537
Production Supervisor	Val Oman	(435) 454-4234	(435) 823-1441		(435) 454-3898

Tubular Data

String	Description	Burst (psi) 100%	Coll (psi) 100%	Body Yield (Mlbs)	Jt Yield (Mlbs)	ID (in.)	Drift (in.)	TOC
Surface Casing	9-5/8" 36# K-55 STC @ 5123'	3,520	2,020	564	423	8.921	8.765	4344' (CBL)
Intern Casing	7" 26# S-95/N-80 LTC @ 10,410'	7,240	5,410	604	519	6.276	6.151	7670' (CBL)
Production Liner	5" 18# N-80 LTC 10,210-12,604'	10,140	10,500	422	396	4.276	4.151	10,210' (CBL)
Workstring	3-1/2" 9.3# N-80 EUE 8rd	10,160	10,530		207	2.992	2.867	
Production Tubing	2-7/8" 6.5# N-80 EUE 8rd	10,570	11,160		145	2.441	2.347	

Objective of Proposed Work:

Abandon current Wasatch interval w/ CIBP. Perforate and acidize L. Green River 8,764 -10,276'.

Status:

Well is currently producing 5 BOPD + 60 MCFPD + 65 BWPD. Cumulative production from the Wasatch has been 238 MBO, 970 MMCF gas and 938 MBW.

**Recompletion Procedure
Brotherson 1-26B4
Altamont Field**

Procedure:

1. MIRU WO rig. Pull rods and pump.
2. ND wellhead & NU BOP's. Release tubing anchor and TOH w/ 2-7/8" tbg and BHA.
3. MIRU wireline unit and RIH w/ GR/JB FOR 5" 18 ppf casing to 10,400'. Set CIBP @ 10,350'. Test plug and csg to 1000 psi.
4. Perforate Lower Green River 8,764' -10,276' per attached perf sheet. Use 4" TAG gun loaded 3 spf, 120 deg phased w/ 22.7 gram premium charges.
5. TIH with 7" treating packer on 3-1/2" 9.3 ppf N-80 workstring. Test tubing on TIH to 9000 psi. Set treating packer @ 8,600'. Test annulus to 1000 psi.
6. Break down perms w/ 3% KCL at approximately 5 bpm. Monitor annulus for communication. Report ISIP and leak-off in 5, 10 & 15 minute intervals.
7. MIRU stimulation company. Acidize Lower Green River perms 8,764-10,276' w/ 12,000 gals 15% HCL @ 25-30 bpm utilizing 300 Bio-balls and rock salt for diversion. Heat treating water to 160° F. Maximum allowable treating pressure 9000 psi. Hold 500 psi on 3-1/2" annulus throughout job. Monitor 7"/9-5/8" annulus throughout job.
8. Attempt to flow back well. If unsuccessful, release packer and TOH with workstring.
9. RIH with 2-7/8" production tubing and tubing anchor. Set tubing anchor at ±8600' with EOT at ±10,100'.
10. ND BOP & NU wellhead.
11. Run pump and rods. RDMO workover rig.
12. Turn well over to Production Department.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL & GAS COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO NE ALBUQUERQUE NM 87113		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1271' FNL, 1408' FEL		8. WELL NAME and NUMBER: BROTHERSON 1-26B4
PHONE NUMBER: (505) 344-9380		9. API NUMBER: 4301330336
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 26 2S 4W		10. FIELD AND POOL, OR WILDCAT: ALTAMONT/BLUEBELL

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 1/25/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1/18/05: RU WELL SERV. RIH W/ 4" GR/JB TO 10,400'. RAN CIBP @ SET @ 10,350'. DUMP BAILED 10' OF CMT ON CIBP. FILLED CSG W/ 396 BBLs KCL. PERF 8970' - 9608' - 10,276' OF PERF SCHEDULE.

1/19/05: FINISH PERF F/ 8764' - 10,276'. EOT @ 5100'.

1/21/05: PMP PAD 3500 GAL 3% KCL WTR FOLLOWED W/ 4 STAGES W/ TOTAL 10,000 GAL 15% HCL ACID W/ 300 BIO BALLS, 3 DIVERTER STAGES W/ FRAC GEL & ROCK SALT, 7500 GAL. FLUSH W/ 6900 GAL 3% KCL WTR.

1/23/05: WELL FLOWED TO FACILITIES 31 OIL, 12 WTR, 10 MFC. LEFT WELL OPEN TO PRODUCTION FACILITIES ON 24/64 CHOKE. TURN OVER TO PRODUCTION 1/25/05.

JAN 2 / 2005

NAME (PLEASE PRINT) CHERYL CAMERON

TITLE REGULATORY ANALYST

SIGNATURE

Cheryl Cameron

DATE 1/25/2005

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1271' FNL, 1408' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 26 2S 4W		8. WELL NAME and NUMBER: BROTHERSON 1-26B4
PHONE NUMBER: (303) 291-6400		9. API NUMBER: 4301330336
		10. FIELD AND POOL, OR WILDCAT: ALTAMONT
		COUNTY: DUCHESNE STATE: UTAH

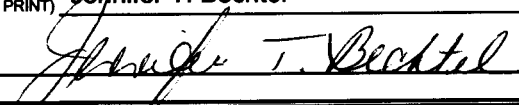
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input checked="" type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 2/15/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE FOLLOWING WORK WAS PERFORMED ON THIS WELL BETWEEN 1/30/2007 AND 2/15/2007:

TOOH W/ TBG. ISOLATE CASING LEAK FROM 5471' TO 5540'. PUMP 360 SX OF CLASS G CMT; TOTAL CMT SLURRY 71 BBLs. TIH W/ TBG, SET TAC W/ 25,000# TENSION. RIH W/ RODS. FLUSH TBG W/ 60 BBLs 2% KCL WTR. STROKE TEST PUMP TO 1000 PSI, OK.

WELL RETURNED TO PRODUCTION.

NAME (PLEASE PRINT) Jennifer T. Bechtel	TITLE Associate Analyst
SIGNATURE 	DATE 2/23/07

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MAR 01 2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
EL PASO E&P COMPANY, L.P.

3. ADDRESS OF OPERATOR:
1099 18TH ST, SUITE 1900 CITY DENVER STATE CO ZIP 80202

PHONE NUMBER:
(303) 291-6400

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
BROTHERSON 1-26B4

9. API NUMBER:
4301330336

10. FIELD AND POOL, OR WILDCAT:
ALTAMONT

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1271' FNL, 1408' FEL

COUNTY: DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 26 2S 4W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Surface Meter Commingle
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well is commingled at surface meter with the Brotherson 1-23B4 API# 43-013-30483 and the Brotherson 1-14B4 API# 43-013-30052

NAME (PLEASE PRINT) Rachael Overbey

TITLE Engineering Tech

SIGNATURE

DATE 7/16/2008

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AUG 05 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: El Paso E & P Company, LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18th St Ste 1900 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1271' FNL, 1408' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 26 2S 4W		8. WELL NAME and NUMBER: BROTHERSON 1-26B4
PHONE NUMBER: (303) 291-6417		9. API NUMBER: 4301330336
		10. FIELD AND POOL, OR WILDCAT: ALTAMONT
		COUNTY: DUCHESNE
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/28/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Commingle/measurement
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE REFERENCED WELL 1-26B4 & BROTHERSON 1-14B4 (4301330051) TREATER AND THE 1-23B4R (4301330483) TREATER HAVE THEIR OWN ORIFICE METER GAS CHART AND SHARE THE SAME GAS SALES METER. THE ORIFICE METER GAS CHARTS AT EACH TREATER ARE USED FOR ALLOCATION PURPOSES ONLY. OIL AND WATER PRODUCTION VOLUMES ARE TAKEN FROM OIL AND WATER METERS WITHIN THE TREATER.

COPY SENT TO OPERATOR

Date: 12.3.2009

Initials: KS

NAME (PLEASE PRINT) MARIE OKEEFE	TITLE SR REGULATORY ANALYST
SIGNATURE Marie Okeefe	DATE 10/28/2009

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING (See Instructions on Reverse Side)

DATE 11/30/09
BY: [Signature]

RECEIVED

NOV 09 2009

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2012

FROM: (Old Operator):

N3065- El Paso E&P Company, L.P.
 1001 Louisiana Street
 Houston, TX. 77002

Phone: 1 (713) 997-5038

TO: (New Operator):

N3850- EP Energy E&P Company, L.P.
 1001 Louisiana Street
 Houston, TX. 77002

Phone: 1 (713) 997-5038

CA No.

Unit:

N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- a. Is the new operator registered in the State of Utah: Business Number: 2114377-0181
- a. (R649-9-2) Waste Management Plan has been received on: Yes
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 6/25/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Second Oper Chg

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/29/2012
- Bond information entered in RBDMS on: 6/29/2012
- Fee/State wells attached to bond in RBDMS on: 6/29/2012
- Injection Projects to new operator in RBDMS on: 6/29/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

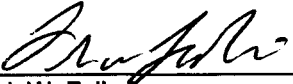
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases
2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		8. WELL NAME and NUMBER: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
COUNTY:		10. FIELD AND POOL, OR WILDCAT: See Attached
STATE: UTAH		

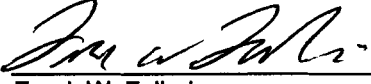
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Name/Operator</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.


Frank W. Falleri
Vice President
El Paso E&P Company, L.P.


Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) <u>Maria S. Gomez</u>	TITLE <u>Principal Regulatory Analyst</u>
SIGNATURE <u>Maria S. Gomez</u>	DATE <u>6/22/2012</u>

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012
Rachael Medina
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician
Rachael Medina

(See Instructions on Reverse Side)

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSKY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MC FARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P	
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P	
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P	
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P	
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P	
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P	
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P	
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P	
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P	
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P	
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P	
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P	
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P	
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P	
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P	
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P	
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P	
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P	
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P	
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P	
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P	
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P	
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P	
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P	
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P	
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P	
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P	
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P	
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P	
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P	
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P	
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P	
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P	
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P	
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P	
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P	
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P	
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P	
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P	
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P	
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P	
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P	
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P	
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P	
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P	
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P	
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P	
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P	
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P	
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P	
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P	
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P	
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P	
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P	
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P	
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P	
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P	
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P	

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P	
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P	
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P	
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P	
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P	
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P	
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P	
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P	
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P	
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P	
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P	
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P	
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P	
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P	
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P	
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P	
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P	
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P	
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P	
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P	
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P	
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P	
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P	
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P	
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P	
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P	
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P	
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P	
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P	
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P	
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P	
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P	
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P	
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P	
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P	
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P	
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P	
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P	
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P	
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P	
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P	
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P	
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P	
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P	
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P	
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P	
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P	
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P	
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P	
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P	
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P	
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P	
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P	
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P	
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P	
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P	
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P	
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P	

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P	
OBERHANSKY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P	
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P	
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P	
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P	
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P	
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P	
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P	
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P	
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P	
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA	
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA	
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA	
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA	
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA	
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA	
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA	
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA	
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA	
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA	
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA	
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA	
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA	
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA	
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA	
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA	
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA	
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA	
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA	
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA	
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA	
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA	
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA	
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA	
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA	
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA	
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA	
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA	
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA	
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA	
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA	
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA	
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA	
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA	
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA	
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA	
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA	
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA	
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA	
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA	
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA	
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA	
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA	
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA	
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA	
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA	
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA	
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA	

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA
OBERHANSLY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: BROTHERSON 1-26B4	
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013303360000	
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1272 FNL 1408 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 26 Township: 02.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/4/2013	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="repair esp"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See attached procedure for details.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: February 14, 2013

By: *Derek Duff*

NAME (PLEASE PRINT) Lisa Morales	PHONE NUMBER 713 997-3587	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 2/1/2013	

Brotherson 1-26B4 ESP Failure Procedure Summary

- POOH w/ tubing & ESP
- Acidize existing perms w/ 5,000 gal 15% HCl.
- RIH w/ tubing & ESP.
- Clean location and resume production

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		8. WELL NAME and NUMBER: BROTHERRSON 1-26B4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1272 FNL 1408 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 26 Township: 02.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013303360000
PHONE NUMBER: 713 997-5038 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/9/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Acidized 9947'-10197' with 15000 gals 15% HCL. See attached for details.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 04, 2014		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 7/4/2014	

CENTRAL DIVISION

ALTAMONT FIELD
BROTHERSON 1-26B4
BROTHERSON 1-26B4
WORKOVER LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner (s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	BROTHERSON 1-26B4		
Project	ALTAMONT FIELD	Site	BROTHERSON 1-26B4
Rig Name/No.	PEAK/1100	Event	WORKOVER LAND
Start date	5/27/2014	End date	
Spud Date/Time	10/29/1974	UWI	026-002-S 004-W 30
Active datum	KB @6,327.0usft (above Mean Sea Level)		
Afe No./Description	163135/51656 / BROTHERSON 1-26 B4		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
5/28/2014	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, RIG MOVE
	7:30 10:00	2.50	MIRU	01		P		MOVE FROM 2-6C4, SPOT RIG HOT OILER PUMP 50 BBLS 2% KCL @ 200 DEG DOWN TBG
	10:00 11:00	1.00	WBP	09		N		WAIT ON BIGGER T-SEAL
	11:00 12:00	1.00	MIRU	01		P		RIG UP RIG
	12:00 14:00	2.00	WBP	16		P		X/O TO TBG EQUIP, N/D WH & LANDING BOWL, STRIP ON & N/U BOPS & HYDRIL, R/U FLOOR & TBG TONGS, MIRU CABLE SPOOLERS & HANG SHEAVES.
	14:00 18:00	4.00	WOR	39		P		POOH W/ 177 JTS 2 7/8" N-80 TBG, EOT @ 2450', FLUSHING AS NEEDED. CLOSE HYDRIL, TBG SHUT IN, CSG TO SALES, SDFN. 2% KCL PUMPED = 170 BBLS, DIESEL USED = 88 GAL PROPANE USED = 125 GAL
5/29/2014	6:00 7:30	1.50	WBP	28		P		TRAVEL TO LOCATION, HSM, L/D ESP EQUIP 0 PSI TBG, 50# FCP, BLEED OFF
	7:30 10:00	2.50	WOR	39		P		EOT @ 2450', POOH W/ 88 JTS 2 7/8" N-80 TBG, COLLAR STOP, 2 JTS 2 7/8" N-80 TBG, 2 7/8" SEAT NIPPLE, 2 JTS 2 7/8" N-80 TBG, DRAIN SUB, 2 JTS 2 7/8" N-80 TBG, L/D 6'- 2 7/8" TBG SUB, 3 PUMPS, GAS SEPERATOR, TANDUM SEALS, MOTOR, SENSOR. (L/D 1 JT CRIMPED TBG) PUMPS WERE LOCKED UP, BRASS IN TOP OF MOTOR, OIL WAS NOT BURNT. CABLE HAS 10 SPLICES, SEVERAL SPOTS MISSING ARMOUR.
	10:00 11:00	1.00	WLWORK	32		P		MIRU DELSCO SLICKLINE UNIT, RIH W/ 1 1/2" SINKER BARS, TAG @ 10326' WLD, POOH, R/D SLICKLINE UNIT.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	11:00 19:30	8.50	WOR	39		P		P/U & RIH W/ 6" ROCK BIT, BIT SUB, 7" CSG SCRAPER, 2 7/8" SEAT NIPPLE, W/ SV IN PLACE, 2 JTS 2 7/8" N-80 TBG, PSI TEST TO 8500#, RETRIEVE SV, RIH W/ 2 JTS 2 7/8" N-80 TBG, MIRU 4 STAR HYDROTEST UNIT, P/U TOOLS & HANG SHEAVES, HYDROTEST IN HOLE TO 8500 PSI, W/ 268 JTS 2 7/8" PROD TBG, FLUSHUNG TBG AS NEEDED, R/D HYDROTEST UNIT, (FOUND 1 COLLAR LEAK, REPLACED,) EOT @ 8560". TBG SHUT IN, CSG TO SALES, SDFN. 2% KCL PUMPED = 100 BBLS DIESEL USED = 100 GAL PROPANE USED = 75 GAL
5/30/2014	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, P/U TBG 50# SITP & FCP, BLEED OFF
	7:30 8:30	1.00	WOR	39		P		EOT @ 8560' P/U 51 JTS 2 7/8" N-80 TBG TAG LINER TOP @ 10226' SLMD. L/D 3 JTS 2 7/8" N-80 TBG.
	8:30 11:00	2.50	WOR	39		P		POOH W/ 319 JTS 2 7/8" N-80 TBG, L/D 6" ROCK BIT & 7" SCRAPER.
	11:00 16:00	5.00	WOR	39		P		P/U WEATHERFORD 7" TS PLUG & HD PACKER, RIH W/ 319 JTS 2 7/8" N-80 TBG, P/U 1 JT 2 7/8" N-80 TBG SET PLUG @ 10200', POOH W/ 10 JTS SET PACKER @ 9900'. SHUT TBG IN, CSG TO SALES, SDFN. 2% KCL PUMPED = 100 BBLS DIESEL USED = 72 GAL PROPANE USED = 150 GAL
5/31/2014	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, PUMPING ACID
	7:30 9:30	2.00	STG01	35		P		MIRU PLATINUM PUMPING SVS, HSM SAFETY MTG, PSI TEST PUMP LINES TO 6500#, PUMP 1ST STAGE ACID JOB IN PERFS FROM 9947' - 10197' PUMP 3750 GAL 15% HCL W/ CITRIC, DROP 40 BIO BALLS, PUMP 3750 GAL 15% HCL W/ CITRIC, FLUSH W/ 85 BBLS 2% KCL. ISIP = 0 AVG RATE = 4.8 BBLS MIN AVG PSI = 4634# MAX RATE = 7.9 BBLS MIN MAX PSI 4990# INITIAL PUMP RATE 3.1 BBLS MIN @ 4200 PSI, AFTER ACID HIT PERFS, GOT UP TO 7.9 BBLS MIN @ 4500 PSI, BALLED OUT. HOT OILER PUMPING 2% KCL DOWN CSG @ 1 BBLS MIN DURING JOB, O PSI, CSG ON VACUUM WHEN SHUT DOWN.
	9:30 16:30	7.00	WOR	39		P		RELEASE PKR @ 9900', RIH W/ 10 JTS 2 7/8" N-80 TBG, LATCH ON TO PLUG, WORK 2 HOURS, R/U PLATINUM TO TBG PUMP 200 BBLS WHILE TRYING TO RELEASE, , NO LUCK R/U POWER SWIVEL, CONT WORKING PULLING 30K-50K OVER STRING WGT, WORK FREE 3 HRS.
	16:30 18:00	1.50	WOR	39		P		L/D 10 JTS SET PLUG @ 9890', L/D 17 JTS SET PKR @ 9350' CSG TO SALES, TBG SHUT IN, SDFN. 2% KCL PUMPED = 600 BBLS DIESEL USED = 88 GAL PROPANE USED = 0 GAL

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
6/1/2014	6:00	7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, PUMPING ACID 100# SITP & SICP, BLEED OFF
	7:30	9:00	1.50	STG02	35		P		R/U PLATINUM TO TBG, HSM, PSI TEST PUMP LINES TO 6000# PUMP 3750 GAL 15% HCL W/ CITRIC, DROP 40 BIO BALLS, PUMP 3750 GAL HCL W/ CITRIC, FLUSH W/ 75 BBLS 2% KCL. HOT OILER PUMPING DOWN CSG W/ 2% KCL @ 1 BBLS MIN, 0 PSI. AVG RATE = 6.3 BBLS MIN MAX RATE = 8.9 BBLS MIN AVG PSI = 2955# MAX PSI = 4790# ISIP = 1780 5 MIN = 1220 10 MIN = 780 15 MIN = 565 OPEN UP TO FB TANK, BLED OFF IN 1 MIN.
	9:00	10:00	1.00	WOR	39		P		RELEASE PACKER @ 9350', P/U 17 JTS 2 7/8" N-80 TBG, LATCH ON TO PLUG, RELEASE PLUG @ 9890'.
	10:00	13:00	3.00	WOR	39		P		POOH W/ 311 JTS 2 7/8" N-80 TBG, L/D PLUG & PACKER.
	13:00	16:00	3.00	WOR	39		P		P/U & RIH W/ 5 3/4" SOLID NO-GO, 2 JTS 2 7/8" N-80 TBG, 5 1/2" PBGA W/ DIP TUBE, 2'-2 7/8" TBG SUB, 2 7/8" SEAT NIPPLE, 4'-2 7/8" TBG SUB, 4 JTS 2 7/8" N-80 TBG, 7" TAC, 311 JTS 2 7/8" N-80 TBG. SET TAC @ 9906.51' W/ 25 K TENSION, R/D FLOOR, N/D BOPS, STRIP ON B-FLANGE, LAND TBG, N/U. TUBING DETAIL KB = 28.00' STRETCH = 4.50' 311 JTS 2 7/8" N-80 TBG = 9874.01' 7" TAC = 2.34' 4 JTS 2 7/8" N-80 TBG = 125.61' 4' - 2 7/8" N-80 TBG SUB = 4.09' 2 7/8" SEAT NIPPLE = 1.10' 2' - 2 7/8" TBG SUB = 2.20' 5 1/2" PBGA W/ DIP TUBE = 32.21' 2 JTS 2 7/8" N-80 TBG = 62.90' 5 3/4" SOLID NO-GO = 1.49' EOT @ 10138.45' 7" TAC @ 9906.51' 2 7/8" SEAT NIPPLE @ 10038.55'
	16:00	18:00	2.00	RDMO	02		P		RIG DOWN, CLEAN LOCATION. SECURE WELL, TBG SHUT IN, CSG TO SALES. SDFN 2% KCL PUMPED = 150 BBLS DIESEL USED = 88 GAL PROPANE USED = 25 GAL
6/10/2014	6:00	7:30	1.50	INARTLT	28		P		CT HOLD SAFETY MTG ON RU COROD RIG WRITE & REVIEW JSA'S
	7:30	8:30	1.00	MIRU	01		P		MIRU COROD RIG & EQUIP
	8:30	17:00	8.50	INARTLT	03		P		RIH W/ 2-1/12" X 1-3/4" X 38' RHBC 2 STG HVR PUMP, PU & RIH W/ 1, 1-1/2" WT BAR, ON/OFF TOOL, 8, 1-1/2" WT BARS, 4300' 14/16", 2165' 15/16", 1705' 16/16" & 1655' 17/16" COROD, SPACE OUT W/ 8', 4' X 1" PONY RODS & NEW 1-1/2" X 40' POLISH ROD SEAT PUMP FILL TBG W/ 32 BBLS 2% KCL & STROKE TEST TO 1000 PSI GOOD TEST, RIG DWN RIG SLIDE IN P.U. HANG OFF RODS TURN WELL OVER TO PROD

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